

# **GURU NANAK DEV UNIVERSITY, AMRITSAR**

## **(Ph.D. Ordinances)**

*Ordinances for Ph.D. Registration in the Faculties of Arts & Social Sciences, Languages, Education, Visual Arts & Performing Arts, Life Sciences, Applied Sciences, Sciences, Humanities & Religious Studies, Economics & Business, Laws, Agriculture & Forestry, Physical Education, Planning & Architecture, Sports Medicine and Physiotherapy, Engineering & Technology and other Faculties which may come into existence.*

### **1. Eligibility**

- i) Master's degree with at least 55% marks (6.18 CGPA out of 10) or (50% marks or 5.62 CGPA out of 10, for SC/ST candidates) of Guru Nanak Dev university or an equivalent degree of recognized Indian or Foreign University in the subject concerned or allied-subject.
- ii) Further that the eligibility of foreign students shall be determined on the basis of recognition of their degrees equivalent to (i) above by Association of Indian Universities, New Delhi.
- iii) A candidate who has passed Diploma in Sports Medicine (DSM)/ Diploma in Physical Medicine and Rehabilitation (DPMR)/ Diploma in Orthopedic (D.Ortho) or equivalent qualification after passing MBBS degree recognized by the Medical Council of India be allowed for Ph.D. registration in the Faculty of Sports Medicine and Physiotherapy.

### **2. Admission**

- i) The University shall admit Ph.D. students through Ph.D. Eligibility test conducted at the level of the University. The students who have qualified UGC(NET)/ UGC-CSIR (JRF) examination/SLET/ GATE/INSPIRE/Rajiv Gandhi Fellowship awardees/teacher fellowship holder or have passed M.Phil. from Guru Nanak Dev University, Amritsar and foreign students sponsored by ICCR or any other department of Government of India will be exempted from Ph.D eligibility test. Applications of other foreign students who wish to seek admission directly (without sponsorship) to Ph.D programme shall be examined by the Board of Control of concerned department. The BOC shall give its recommendations and issue eligibility certificate for admission of such students to the Ph.D programme without Ph.D eligibility test.
- ii) The students who will qualify the Ph.D. Eligibility test and other eligible candidates shall appear for an interview to be conducted by the Board of Control (BOC)/ Research Degree Committee (RDC) (If there is no BOC). At the time of interview, the students will discuss their research interest/ area.

The number of students to be admitted to the Ph.D. programme will be notified by the University. However, the University can increase or decrease the number of seats depending upon the number of projects and research facilities available.
- iii) While granting admission to the students to Ph.D. Programme, the Department will pay due attention to State Reservation policy. The UGC/CSIR/JRF/INSPIRE/ Rajiv Gandhi Fellowship and other direct fellowship awardees will be admitted irrespective of reservation category. If required, e.g., for the Ph.D. programme where the number of seats is less than 10, reservation categories A to H as given in the prospectus, may be clubbed together or into two or more groups of categories to arrive at a whole number for making admission. However, no one category will have more than one seat at the cost of any other reserved category, if two or more seats are available by clubbing.

- iv) The UGC/CSIR/INSPIRE/Rajiv Gandhi Fellowship awardees or candidates who are awarded fellowships directly by there or other funding agencies for the purpose of pursuing Ph.D. can be registered any time during the session. NET/GATE qualified project fellows appointed against financed projects of at least two years duration can also be registered for Ph.D. any time during the session. Merely qualifying the Ph.D. eligibility test will not entitle the student for admission to Ph.D.

### **3. Allocation of Supervisor**

The allocation of supervisor for a selected student shall be decided by the BOC of the department/ Research Degree Committee (If there is no BOC) in a formal manner, depending on the number of students per faculty member, the available specialization among the faculty supervisors, and the research interest of the student as indicated during interview by the student. The allotment/ allocation of supervisor shall not be left to the individual student or teacher.

### **4. Categories**

There shall be two categories of candidates admitted to this programme:

- i) **Full-Time:** A person with scholarship/fellowship/study leave from an organization/or without fellowship who is neither employed nor is pursuing any other course of studies and whose supervisor is working in the jurisdiction of this university.
- ii) **Part-Time:** Any person who opts for Part-Time in the registration form. The part-time candidates, however, will have to attend Pre-Ph.D. courses regularly as per the programmes of the respective departments.

### **5. Registration**

A candidate admitted to Ph.D. shall be registered under the supervision of a supervisor duly recommended by the Board of Control (or Research Degree Committee if there is no BOC) and approved by the Vice-Chancellor. The application for registration recommended by the Supervisor and forwarded by the Head of the Department must include a statement of the area of research, and a tentative outline of the research proposal along with the following supporting documents:

- a) Summary of the research problem in about 2000 words. It should briefly cover tentative topic of research, introduction, aims and objectives/hypothesis, methodology, plan of work/chapterisation, bibliography.
- b) The candidate is required to pay the Registration Fee/Annual Fee as prescribed by the university from time to time.
- c) Self-attested Photo Copies of Matriculation, Bachelor Degree, DMC of Master's and Master Degree.
- d) N.O.C. from the concerned deptt. /institution as prescribed in the registration form.
- e) After approval of registration of the candidate for Ph.D. by the Vice-Chancellor, the date on which the candidate deposits the registration fee, will be considered as the date of registration.

- f) A student will have to submit original certificates to the office within four months of issuance of the letter of registration, failing which his/her registration to Ph.D. may be cancelled.
- g) Meetings of the concerned Research Degree Committees of the subjects for which there is no BOC, and for Departments for which there is no consensus on certain issue/s pertaining to research, may preferably be held in the months of March/April and September/October.
- h) At any point of time, a Professor, a Reader and a Lecturer will not register more than eight, six and four candidates respectively, in the capacity of Supervisor/Co-Supervisor. For this purpose a candidate whose viva-voce exam is not over, will be still counted as registered candidate. College Principal and Lecturer will not register more than three and two candidates respectively.

However, if any teacher leaves/resigns the job of this University at any stage during the period of a student doing his/her Ph.D. under his/her Guidance then the same students will be allotted to a new Supervisor /Co-Supervisor, to complete his/her Ph.D.

In case the new Supervisor/Co-Supervisor in the concerned department has full quota of registered candidates, he/she shall be allowed to guide such additional number of Students (Not more than Three for Professor, Two for Reader and one for Lecturer) for this purpose, in addition to the number of students already Registered with him/her. Such cases will be approved by the Vice-Chancellor on the recommendations of the Dean, Academic Affairs

Further that, those teachers who are sanctioned joint research projects by UGC/CSIR/DST/ICSSR, or other funding agencies, and are jointly supervising a Ph.D candidate, will share half the load for each jointly supervised candidate. Besides, a teacher may be allowed to supervise an additional number of Ph.D. candidates, not exceeding two for a Professor/Reader, and one for a Lecturer each, to accommodate new sanctioned projects, additional number of fellowships awarded by UGC/DST etc. to Departments under their research programmes, and the direct fellowship awardees and Foreign/NRI Students.

- i) The student registered for Ph.D. thesis shall submit report on the work done at the end of each semester duly certified by the supervisor, to the Head of the Department.
- j) The research student will deliver a departmental seminar after two years of his/her registration, to apprise the teachers and research scholars of the Department of the progress of the research done by him/her.
- k) The Ph.D. student will maintain a complete record of research data and draft of the thesis.
- l) Students admitted under the UGC (Minimum Standards and Procedure for Award of Ph.D. degree) regulations, 2009, shall be treated to be registered as per the amended rules.
- m) Cancellation of Registration: The registration of the student will be cancelled, if he/she,
  - i. does not register for course work in the ongoing/immediately following semester (if admitted mid semester) on his/her admission to Ph.D.
  - ii. fails to maintain the required CGPA in the course work as per rules.
  - iii. if the progress of the student is found not satisfactory by the supervisor, the BOC (or RDC if there is no BOC)

- iv. does not pay the fee/dues in time.
- v. commits to plagiarism or unethical practices in research.
- vi. indulges in activities of indiscipline,
- vii. absents himself/herself from the Department without permission of the competent authority.

## **6. Converting fee from Full-Time to Part-Time:**

a) If a full-time Ph.D. student wishes to join job, he/she will have to apply for conversion of his/her registration from full-time to part-time before or within one month after getting relieved.

b) The fee for conversion of registration from full-time to part-time will be as under:

Time after getting relieved	Fee
Upto 1 month	Rs. 5000/-
After 1 month upto 12 months	Rs. 7500/-
After 1 year upto 2 years	Rs. 15000/-
After 2 year upto 3 years	Rs. 20,000/-
After 3 years	Rs. 25000/-

The fee for conversion of registration from part-time to full-time will be Rs. 5000/-

## **7. Course Work**

A student admitted to Ph.D. shall be required to undertake course work for at least 15 credits and Seminar for at least I credit in partial fulfillment of the requirements for the degree of doctor of philosophy. The Course work shall be treated as pre-Ph.D. course work. Each Ph.D. student will have to undertake one course (3 credits) on Research Methodology in the subject of specialization, which will include quantitative methods, computer applications and reviewing of latest published research work in relevant field.

In addition, each Ph.D. student will be required to offer courses for at least 12 credits (4 courses of three credits each) with the approval of his/ her supervisor. These courses may be offered from the same department or in an allied field/s in other departments of the university, and that at least one of these courses should be from outside the Department. The candidate will have to clear courses in the first two semesters as per the programme of the Department. Direct fellowship awardees or candidates registered for Ph.D. during the middle of the semester will take up course work in the following semester. The Ph.D. course work will follow credit based system, the details of which are given in **Annexure-I.**

Further that, the Ph.D. students who have done course work in M.Phil./ M.Tech./ LL.M./ M.D/ M.S./M.Pharma. shall be exempted from course work in Ph.D. to the extent of maximum of six credits. A candidate having any other degree which requires a minimum of seven years of education after Senior Secondary (10+2), even if different from that offered in Ph.D. shall also be exempted from course work in Ph.D. to the extent of maximum of six credits however, if a student has not done course on research methodology, he/she will have to clear this course in Ph.D.

The syllabus for Pre Ph.D. course work will be drawn by the Board of Control or Research Degree Committee(if there is no BOC) subject to the approval by the Academic Council.

## **8. Submission of Thesis**

### **a) Time Limit:**

i) In no case shall a thesis be submitted for evaluation before the expiry of three years from the date of registration.

ii) A thesis shall have to be submitted normally within four years of registration. The Dean, Academic Affairs may, on the application of the candidate recommended by the Supervisor and forwarded by the Head of the department concerned, extend this period by one year followed by another year. After a period six years after the date of registration, on a request made by the candidate, the Vice-Chancellor after considering the recommendations of the Dean, Academic Affairs may condone further delay in the submission of thesis up to one year in very special circumstances. A fee will be charged as prescribed by the university from time to time for each extension in submission of thesis. The registration of the candidate will automatically stand cancelled after he/she has availed the extensions to be allowed by the Dean, Academic Affairs/Vice-Chancellor for submission of Ph.D. thesis. Further that the maximum time limit for submission of thesis after the date of registration shall be seven years, after which no extension shall be granted.

### **b) Requirements:**

i) The candidate will have to give an open seminar in the department under the Chairmanship of the Head of the Department concerned and faculty members of the department before submission of the summary of the thesis.

ii) The date for the seminar will be fixed by the supervisor in consultation with the Head of the Department under information to the Dean, Faculty concerned, with atleast one week notice. The Title of the thesis will be finalized by the supervisor after the seminar.

iii) The candidate shall submit a summary of the thesis (about 1000 words) not more than six months before the actual submission of the thesis. The Head of the Department in consultation with the supervisor will submit a list of nine examiners, as given in 9(i) so that the consent of three examiners can be obtained before the submission of the thesis. However, if a candidate fails to submit his/her thesis within six months from the submission of summary, the Dean Academic Affairs may grant extension of one month with a fine of Rs.1000/- and the Vice-Chancellor may grant another extension of one month with a fine of Rs.2000/- as a late fee.

iv) In case of science subjects the supervisor of the candidate will certify through Head of the department concerned that the candidate has pursued his/her research for at least one year in the concerned department. This period may be completed either in one stretch or in parts which should not be less than two months at a time.

v) Ph.D. candidates shall publish one research paper in a refereed journal before the submission of the thesis, or monograph for adjudication, and produce evidence for the same in the form of acceptance letter or the reprint.

vi) On completion of the research work the candidate shall submit four copies of thesis in Compact Size typed in One and a half space in Times New Roman, Font size 12 with

double side printing except for Photographs which can be on one side of the pages together with one CD, along with Ph.D. thesis to the examination branch, (Thesis section) alongwith examination fee as prescribed by the university at that time and a certificate from the supervisor, and co-supervisor if any, that the thesis is fit to be considered for evaluation for award of the degree of Ph.D. The candidate shall also submit a certificate attested by the supervisor that the thesis is entirely based on his/her own work, and that all ideas and references have been duly acknowledged. Two CDs of the thesis (within revision if any) will be sent to the examination branch for onward transmission to the UGC/Inflibnet, and the Main Library of the university after the viva-voce examination.

vii) A thesis must be based on original research resulting in either a discovery of new facts or a fresh interpretation of known facts and theories in either case, it should give evidence of the research student's clear understanding of the subject and his/her critical judgment, and it should be well presented.

viii) Edited texts of unpublished manuscripts or critical editions of published texts accompanied by proper collation and scholarly annotation and critical interpretation may be considered for the award of the degree of Ph.D. A research student may incorporate in his/her thesis contents of any subject for which no degree other than M. Phil has been awarded by this or any other university.

ix) The Ph.D. thesis in the Faculty of languages be written in the concerned language ordinarily.

### **9. a) Evaluation of Thesis**

i) The thesis shall be referred to three examiners selected by the Vice-Chancellor from a panel of atleast 9 names (six Indian and three foreign examiners in case of candidates from the faculties of Applied Sciences, Engineering & Technology, Life Sciences, Physical Planning & Architecture, Sciences, Sports Medicine & Physiotherapy and Department of Psychology; nine Indian examiners in case of other faculties), in the concerned specialization, submitted by the Head of the Department in consultation with the supervisor. The panel shall be submitted within one week of the submission of summary of the thesis and shall include the following information for each examiner:

- a) Name
- b) Academic Designation and status
- c) Postal Address
- d) Area of the specialization
- e) Phone number/ Fax No./e-mail, if possible

ii) In case the panel of examiners is not received from the Head of the department within one week from the date of submission of the summary of the thesis, the Dean Academic Affairs will convene a meeting of the Head of the department and the supervisor of the candidate and submit the panel of examiners.

In case of retired persons, their last designation shall be indicated without which the panel would be considered incomplete.

iii) Provided that where there is no Head of the department in a subject, the Dean, of the faculty concerned may suggest a panel of examiners in consultation with the supervisor

iv) If no consent is received from an examiner within a one month, a new examiner shall be appointed.

v) For evaluation of the thesis not more than two months be given to any examiner. If any examiner fails to send the report within two months, a new examiner be appointed.

**b) Evaluation Report:**

i) The examiners on evaluation of the thesis may recommend one of the following:

that the degree of Ph.D. be awarded to the candidate

OR

that the thesis be revised as suggested and resubmitted.

OR

that the thesis be rejected

In each case the examiners shall clearly submit to the University his/her critical evaluation, comments and suggestions on the Ph.D. thesis. Each examiner shall also send atleast five questions to be asked from the candidate.

ii) Dean, Academic Affairs shall personally open the reports when all the three reports are received from the examiners. In case, all the three reports are positive, the case will be put up to the Vice Chancellor for appointing one of the examiners from India for conduct of viva-voce of the candidate. Viva-voce of the candidate will be conducted by a committee consisting of the Head of the Department, supervisor and an examiner of the candidate's thesis.

**c) Viva-voce:**

i) The viva-voce examination of the candidate for the Ph.D. shall be a public viva-voce where all the members and research fellows in the faculty will be invited to be present. Atleast four days notice will be given to the faculty members to attend the viva-voce.

ii) The committee conducting the viva-voce of the candidates will consider the reports of all the examiners, ask questions raised in these reports and get the clarifications regarding the comments of the examiners and this fact be mentioned in the viva-voce report.

iii) The faculty members and others present during the viva-voce will only act as observers. They will not be allowed to ask any question from the candidate or express their opinion about the capability of the Candidate etc.

iv) The Vice-Chancellor may relax the above procedure if, in his opinion, the special circumstances of the case so demand.

v) Whenever, the Head of the Department cannot attend the viva-voce of the candidate fixed on a particular date, a faculty member nominated by the Vice-Chancellor shall attend in his/her place

**d) Negative Report:**

i) In case of negative report from any one examiner, the Dean Academic Affairs will send the case to the Vice-Chancellor for consideration by the Committee consisting of :-

a) Dean Academic Affairs

b) Director of Research

c) Dean of the Faculty concerned.

d) Head of Department

e) Supervisor of the Candidate.

The committee will consider all the three reports and give its specific recommendation as to whether

The thesis has to be revised and re-submitted

OR

The thesis may be accepted and viva-voce held

ii) If two or all examiners reject the thesis then the thesis shall be rejected for award of the Degree.

iii) In case one examiner recommends the award of Degree, the second recommends revision and the third either rejects or recommends revision, then the candidate shall be advised to re-submit the thesis after making necessary changes.

iv) The revised thesis must be submitted within one year from the date of intimation of the revision of thesis to the candidate. The revised thesis shall normally be resubmitted for evaluation to the same examiner(s) who had recommended revision. If the examiner(s) recommend award of Degree, then the viva-voce examination may be held. In case the examiner(s) again recommend revision or rejection, the thesis shall be deemed as rejected.

#### **e) Approval**

i) Alongwith the reports of the Ph.D., viva-voce of the candidate, the Head of the Department would send the following certificate duly signed by the Supervisor/ Co-Supervisor and countersigned by him, that

“All the corrections/revisions if any, suggested by the external examiners have been incorporated in the thesis.”

ii) On the recommendation of the Dean of the Faculty (concerned) and Dean, Academic Affairs, the Vice-Chancellor after his approval will place the report of the examiners and the reports of the viva-voce examination before the Syndicate for approval of the award of Ph.D. degree.

iii) If recommended for the award of the Ph.D. Degree, the date of the approval of the Vice-Chancellor will be considered as the date of award of the Ph.D. degree.

iv) Along with the degree, the University shall issue a provisional certificate certifying to the effect that the degree has been awarded in accordance with the UGC (Minimum Standards and Procedure for Awards of Ph.D. Degree) Regulations, 2009.

### **10. Publication of Thesis**

A candidate may publish his/her thesis after award of the Ph.D. degree.

### **11. Depository with UGC**

Following the successful completion of the evaluation process and announcements of the award of Ph.D., the University shall submit a soft copy of the Ph.D. thesis to the UGC within a period of thirty days, for hosting the same in INFLIBNET, accessible to all Institutions/ Universities.



## **12. Research Degree Committee**

- a) The constitution of the Research Degree Committee in each subject shall be as follows:
- i) the Dean of Faculty concerned- Chairman
  - ii) the Head of the Department.
  - iii) All Professors and Readers of the Department.
  - iv) In case the number of internal members of R.D.C. is less than five, the Vice-Chancellor may nominate one or two Professors from allied fields from the university.
  - v) Not more than three experts from the same or allied field from outside the university may be associated by the Vice-Chancellor on the recommendation by the Board of Control of the Department concerned.
  - vi) Two Lecturers(senior scale/selection grade) by rotation in order of seniority provided they hold a Ph.D. Degree.
  - vii) If not already a member Supervisor/Co-Supervisor will be a special invitee when the case of his/her candidate is considered.
- b) Provided that in the case of a subject in which there is no teaching department of the University, the Research Degree Committee shall be constituted by the Vice-Chancellor in consultation with the Dean of the Faculty/Chairman Board of Studies.
- c) The meeting of the Research Degree Committee may be fixed with atleast Fifteen days notice to the members and no supplementary agenda will be issued less than seven days before the R.D.C. meetings.

## **13. Research Degree Board**

- a) Constitution of Research Degree Board shall be as follows:
- i) Dean of Academic Affairs-Chairman
  - ii) All Deans of the Faculties.
  - iii) All other Professors of the Departments
  - iv) All Heads of the Departments.
  - v) Two Readers and two Senior most Lecturers (Senior scale/selection grade) of the University by rotation according to seniority, provided that they hold a Ph.D. degree.
  - vi) Two experts holding Ph.D. degree from the affiliated colleges of the university to be nominated by the Vice-Chancellor.
  - vii) Director of Research
- b) The Research Degree Board may, however, recommend to the competent authority, from time to time, changes and modification in the existing ordinances.

## **14. a) Appointment of Supervisor of a Ph.D. Candidate**

- i) All Professor or equivalent provided they are eligible to be appointed as Supervisor and are actively involved in research.
- ii) Regular Readers or equivalent and Regular Lecturers or equivalent who hold Ph.D. degree can guide Ph.D. Students. Regular Readers and Lecturers or equivalent who hold M.D/M.S degree with five year teaching/research experience can also guide Ph.D. Students
- iii) An employee who has a lien as a teacher in GNDU may be appointed supervisor for a Ph.D. scholar in the concerned subject/field provided he/she fulfills the other requirements as stated in the Ordinances.
- iv) A teacher teaching in a college affiliated to this University and holding Ph.D. degree having publications in peer reviewed International journals/Indian journals of International

repute, and having a minimum of five years post graduate teaching/research experience (Post-Ph.D.) can also be considered for appointment as a Supervisor by the Research Degree Committee, provided the University has approved the college as a research centre in the subject concerned. Research centres will not be established in colleges in the subjects relating to science and technology.

#### **b) Appointment of Co-Supervisor of a Ph.D. Candidate**

i) One or Two Co-Supervisor(s) may be appointed on the recommendation of the Research Degree Committee, if a candidate is working in an institution other than the Guru Nanak Dev University and its affiliated colleges or if a joint research project has been sanctioned by DST, UGC, CSIR, DAE etc. Joint supervision within a Department is allowed if the field of research of the candidate requires inputs from different fields of specialization in the same subject.

ii) In the case of the institution/Organization/National or regional laboratory which has entered into MoU with the university for research the candidates from such Institution/organization may have the supervisor from that institution/ Organization and Co-Supervisor from the university. Similarly, the Ph.D. students working in GNDU will have supervisor from GNDU and Co-supervisor from the institution having MoU with GNDU.

iii) If the field of the candidate is such which requires substantial inter disciplinary input from two or more disciplines.

iv) The duties of the Co-supervisor shall be the same as that of the supervisor

c) A retired teacher upto the age of 65 years may also be appointed as Supervisor/Co-supervisor(s) of the Ph.D. candidates. A retired Professor/Reader/ Lecturer will not register more than three/two/one candidate respectively.

d) The change of the Supervisor/co-supervisor can be made by the RDC. The earlier date of the Registration shall stand.

e) Provided that no relation of the supervisor/co-supervisor such as wife, husband, son, daughter, sister, brother, wife's or husband's brother sister, brother's son and daughter/sister's son/daughter, first cousin, nephew, grand-son, grand-daughter, daughter in laws and son in laws can be registered under his/her supervision.

## Annexure I : Ph.D. Course Work

A student admitted to Ph.D. shall be required to undertake course work for at least 15 credits in partial fulfillment of the requirements for the degree of doctor of philosophy. The course work shall comprise of :

- i. Research Methodology in the concerned subject (3 credits): Each Ph.D. student will have to offer one course (3 credits) on Research Methodology in the subject of specialization, which will include quantitative methods, computer applications and reviewing of latest published research work in relevant field.
- ii. In addition, each Ph.D. student will be required to offer courses for at least 12 credits (4 courses of three credits each) with the approval of his/ her supervisor. These courses may be offered from the same department or in an allied field/s in other departments of the university **and** that at least one of these courses should be from outside the Department. The candidate will have to clear courses in the first two semesters as per the programme of the Department. Further that, the Ph.D. students who have done course work in M.Phil./ M.Tech./ LL.M./ M.D./ M.S./M.Pharma. or any other degree which requires a minimum of seven years of education after Senior Secondary (10+2), will be exempted from Ph.D. course work to the extent of maximum of six credits. Students joining Ph.D. after these courses will have to clear at least three courses of three credits each, including the course on Research Methodology, if already not done in M.Phil.

The Ph.D. course work will follow credit based system, the details of which are given in below: While undertaking the course work, the following terms are defined:

‘Course’ means a semester course

‘Credit’ means weightage assigned to a course in terms of contact hours (1 Credit theory= 1 contact hour per week/ 1 Credit practical or seminar or field work/ thesis = 2 contact hours per week.

‘Grade’ means a letter grade assigned to a student on a 10 point scale.

‘Semester Grade Point Average’ (SGPA) means weighted average of grades in a semester =  $(\sum G_i * C_i) / \sum C_i$

‘Cumulative Grade Point Average’ (CGPA) means total weighted average of grades in all semesters =  $(\sum G_i * C_i) / \sum C_i$ , where  $G_i$  is the grade in the  $i^{th}$  course, and  $C_i$  are the credits in the  $i^{th}$  course. The grades shall be awarded as per the following table:

<b>Credit courses</b>			
Academic performance	Grade	Grade Points	Percent score in absolute marking system
Outstanding	A+	10	>80 to 100
Excellent	A	9	>75 to 80
Very Good	B+	8	>70 to 75
Good (Average)	B	7	>60 to 70
Fair	C+	6	>50 to 60
Marginal	C	5	>40 to 50
Deficient	D	4	>30 to 40
Poor	E	2	>20 to 30
Very Poor	F	0	0 to 20

A Ph.D. student will be required to obtain at least ‘C+’ grade in each course. A student getting ‘C’ or lower grade in any course will have to opt another course in lieu of such a course with the approval of his/her supervisor, and will have to obtain at least ‘C+’ grade in this course within one

year of first taking up of that course, failing which his/her **registration** to the Ph.D. programme will be cancelled. For classes having more than 10 students, the grades may be awarded by bunching, though not deviating too much from the absolute score grading system given above.

A student **registered** for Ph.D. will have to clear the courses within the first two years of his/ her registration, failing which his/her registration to Ph.D. will be cancelled. Further, however that a student will have to obtain a CGPA of 6.75 or above, in order to be eligible to submit the thesis. If a student offers courses for more than 15 credits, the SGPA or CGPA will be calculated on the basis of total number of credits. No division will be awarded in Ph.D. course work. The back conversion from SGPA/CGPA to Percent score will be multiplication of SGPA or CGPA by a factor of 8.9

Whereas the Ph.D. course work will be compulsory for students enrolled for Ph.D. after the date of notification of UGC (Minimum Standards and Procedure for Awards of M.Phil./ Ph.D. Degree) Regulations, 2009, published in the Gazette of India, July 11, 2009, the students having enrolled for Ph.D., but not yet having submitted the thesis, will have the option to offer courses as per the rules given above.

#### **Seminar:**

Each student registered for Ph.D. will have to undertake at least one credit of seminar in I or II semester of his/her registration. The Grade awarded for Seminar will be 'S' or 'U'.

#### **Thesis:**

A student registered for Ph.D. will have to undertake thesis work spread over the entire period of registration of the Ph.D. The grade awarded for thesis work will be 'S' or 'U'. A student will start working on the topic of his/her research right from the date of registration.

#### **Audit Courses:**

In addition to Credit courses, a student on the approval of his/her supervisor can take up audit course/d in any field in his/her department, or any other department or other university or Institute of higher education/research. The grade awarded for this course will be 'S' or 'U'. A grade equivalent to 'C' or above will be treated as satisfactory for audit courses. The audit course/s cleared by a student will not be counted towards his/her SGPA/CGPA.

#### **Fees:**

The students registered under the UGC regulations (2009) shall pay fees for course work as per the rules of the university. The student who join Ph.D. after M.Phil./M.Tech./LL.M./M.D./M.S./M.Pharma. or any other degree which requires a minimum of seven years of education after senior secondary(10+2) shall charged half of the tuition fee for first year of their registration.