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No. 48] NEW DELHI, NOVEMBER 20—NOVEMBER 26, 2005, SATURDAY/KARTIKA 29—AGRAHAYANA 5,

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह पृथक संकलन के रूप में रखा जा सके

Separate Paging is given to this Part in order that it may be filed as a separate compilation

भाग II—खण्ड 3—उप-खण्ड (i)

PART II—Section 3—Sub-section (i)

भारत सरकार के मंत्रालयों (रक्षा मंत्रालय को छोड़कर) और केन्द्रीय अधिकारियों (संघ राज्य क्षेत्र प्रशासनों को छोड़कर) द्वारा विधि अंतर्गत बनाए और जारी किए गए साधारण सांविधिक नियम (जिनमें साधारण प्रकार के आदेश, उप-नियम आदि सम्मिलित हैं)

General Statutory Rules (Including Orders, Bye-laws etc. of a general character) issued by the Ministries of t Government of India (other than the Ministry of Defence) and by the Central Authorities (other than the Administrations of Union Territories)

MINISTRY OF CHEMICALS AND FERTILIZERS

(Department of Chemicals and Petrochemicals)

New Delhi, the 21st November, 2005

G.S.R. 406—In pursuance of Sections 28 and 29 of the National Institute of Pharmaceutical Education and Research Act, 1998 (13 of 1998), the Senate of the National Institute of Pharmaceutical Education and Research hereby makes the following Ordinance, regulating the courses of study offered by the Institute relating to the Degree of Masters' and Doctor of Philosophy, admission to such courses, procedures for admission, fees to be paid, method of evalution, establishment of various committees, Board of examiners, and award of Degrees, and directs that the said Ordinance shall come into force with effect from the date of its publication, namely:—

1. **Short Title and Commencement.**—

   (1) This Ordinance may be called the National Institute of Pharmaceutical Education and Research (Degree of Masters' and Doctor of Philosophy) Ordinance, 2005.

   (2) It shall come into force on the date of its publication in the Official Gazette.

2. **Definitions.**— In this ordinance, unless the context otherwise requires.—

   (a) **"Advisor"** means a faculty member of the Institute appointed to lookafter the student research work;

   (b) **"Advisory Committee"** means the Departmental Academic Advisory Committee;

   (c) **"Board of Studies and Research (BSR)"** means the Board of Studies and Research of the Institute;

   (d) **"B.E or B.Tech."** means degree in Bachelor of Engineering or Bachelor of Technology respectively;

   (e) **"B. Pharm."** means degree in Bachelor of Pharmacy;

   (f) **"B.V. Sc,"** means degree in Bachelor of Veterinary Sciences;

   (g) **"candidate"** means an individual applying for admission to any of the academic programmes of the Institute;

   (h) **"course work"** means course of study designed and offered by the Department concerned to be undertaken by a student;

   (i) **"degree"** means the Master of Pharmacy (M.Pharm), Master of Technology in Pharmacy [M.Tech. (Pharm.)], Master of Science (Pharmacy), [M.S.(Pharm.)] Master of Business Administration (Pharm). and Doctor of Philosophy (Ph.D.), whichever is applicable;

   (j) **"GATE"** means the Graduate Aptitude Test in Engineering conducted by Indian Institutes of Technology;

   (k) **"Institute"** means the National Institute of Pharmaceutical Education and Research at Sahibzada Ajit Singh Nagar, Punjab;

   (l) **"Institute student"** means a student enjoying Institute Fellowship;

   (m) **"Joint Advisor"** means an additional advisor approved by the Board of Studies and Research (BSR) on recommendation of the Advisor through the Departmental Research Committee (DRC) to help the Advisor in the accomplishment of the research work of the student;

   (n) **"Minimum registration period"** means the minimum period for which a student must be registered prior to submission of the thesis.

   (o) **"M.Sc."** means Master of Science;

   (p) **"M.Tech."** means Master of Technology;

   (q) **"NET"** means the National Eligibility Test conducted by University Grants Commission or Council of Scientific and Industrial Research;

   (r) **"Oralcommittee"** means the Oral Defence Committee;

   (s) **"Other Institute"** means those colleges or universities which offer Bachelors' degree or higher;

   (t) **"Research Committee"** means the Student's Research Committee;

   (u) **"sponsored student"** means a student receiving fellowship from an outside organization;

   (v) **"student"** means a person admitted or registered for a particular academic programme;

3. **General Guidelines.—**

(1) The minimum qualification for admission to various academic programmes shall be as per the eligibility criteria specified by Ordinance 4.

(2) A student shall be required to earn the minimum credits through courses as mentioned for an individual academic programme under the Ordinance and carry out research work in the Institute under the guidance of approved advisor(s); and in special circumstances a student may be permitted by the Board of Studies and Research (BSR) to carry out part of the research outside the Institute.

(3) A student shall be required to fulfil all the requirements for the award of the masters degree for a particular programme within the period specified in Ordinance 23.

(4) A student registered for the Ph.D. programme shall be required to satisfy a minimum registration period requirement as laid-down in sub-clause (8) of clause (b) of Ordinance 23.

(5) In case of a Ph.D. student the date of initial registration shall normally be the date on which the student is formally registered for the first time in the beginning of a semester for the Ph.D. programme, which shall also be the date of his joining the programme for all intents and purposes. However, in exceptional cases the date of registration may be preponed by a maximum of six calendar months by the Board of Studies and Research (BSR), if it is convinced that the student has spent adequate amount of time on relevant research earlier.

(6) If a student withdraws from any academic programme (or in case of Ph.D. Programme if the registration is terminated within the first two years after initial registration) his or her student status shall cease.

4 **Eligibility for Admissions.—**

The following are the general guidelines for eligibility for admission to various academic programmes.

(1) **Master of Pharmacy / Master of Technology Programme.—**

(i) B. Pharm. with GATE for M. Pharm. degree;

(ii) B. Pharm./B Tech/ B.E.(Chemical Engineering) / Master of Science with GATE/NET for M.Tech (Pharm). degree.

(2) **Master of Sciences (Pharm) Programme.—**

(i) B. Pharm. /M.Sc. qualified in GATE/NET;

(ii) B.V. Sc./ M.B.B.S. with first priority to 60% marks in all previous examination.

(3) **Master of Business Administration (Pharm).—**

Bachelor of Pharmacy; M.Sc. in chemical or Biological Sciences: or Bachelor of Engineering/ Bachelor of Technology in Chemical Engineering or any other relevant qualification with minimum 60% marks, 55% for Scheduled Caste (SC)/ Scheduled Tribe (ST) and 50% for Physically handicapped (PH) candidates or with a minimum Cumulative Grade Point Average (CGPA) of 6.75 on a 10 point scale wherever later grades are awarded.

(4) **Ph.D. Programme.—**

(i) M.Sc.(qualified in GATE/NET)/ M. Pharm. (Qualified in GATE/NET)/ M. S. (Pharm). (Qualified in GATE/NET)/ Maste of Veterinary Science with a minimum Grade Point Average (GPA) of 6.75 on a 10-point scale wherever later grades are awarded, or a minimum of 60% marks in aggregate wherever marks are awarded or equivalent, as determined by the Board of Studies and Research (BSR);

(ii) Bachelor of Technology / Bachelor of Pharmacy (in exceptional cases) with a minimum Grade Point Average (GPA) of 7.5 on a 10-point scale.

5. **Sponsored candidates —**

(i) A limited number of seats shall be available for candidates sponsored by Public or Private Sector undertakings, Government Departments, Research and Development Organizations holding the basic degrees with a minimum Grade Point Average (GPA) of 6.75 on a 10 point scale wherever later grades are awarded or a minimum of 60% marks in aggregate wherever marks are awarded or equivalent, as determined by the Board of Studies and Research (BSR) and taking into consideration the performance of the candidates in the Test and Interview held by the Institute to the various programmes.

(2) Only employees of public or private sector undertakings, Government Departments, Research and Development Organisations etc. with a minimum relevant working experience of two years may be considered for admission as sponsored candidates in this category.

(3) A sponsored candidate shall be required to submit a sponsorship Certificate" from his employer on official letter head stating that for the period of his or her studies or research in the Institute the candidate would be treated as on duty with usual salaries and allowances and that he or she will be fully relieved for the period of study for pursuing his or her studies and that the fee of the candidate will be paid by the sponsoring organisation. Such a candidate seeking admission on the basis of study leave must show a proof to the effect that he or she will be or has been granted leave for the period of study in the Institute.

(4) For sponsored candidates the requirement of GATE/NET may be relaxed.

6. Admission of Foreign Nationals —

(1) Foreign nationals selected under various scholarship schemes of the Ministry of Human Resource Development or Ministry of External Affairs, Government of India, may be considered for admission on the recommendation or sponsorship of the respective ministry.

(2) Applications from self financing foreign students may be entertained directly by the Institute provided the requirements for eligibility under the respective programme are fulfilled.

7. Reservations and Relaxations.—

(1) Following the national policy, 15% seats may be reserved for Scheduled Caste (SC) candidates, and 7.5% for the Scheduled Tribe (ST) candidates in all the programmes.

(2) Seats may be reserved for physically handicapped candidates to the extent of 3 % for admission to all the programmes of the Institute put together provided that not more than two candidates from this category are admitted in a single programme.

(3) Relaxation in Cumulative Grade Point Average (CGPA) to 6.25 on a 10 point scale or in marks to 55 % or equivalent in the eligibility criteria may be allowed to Scheduled Caste and Scheduled Tribe candidates.

(4) Physically handicapped candidates may be permitted relaxation in eligibility requirement of Cumulative Grade Point Average (CGPA) to 5.75 on a 10 point scale or to 50 % marks or equivalent.

8. Test and Interview.—

(1) Admission to the respective academic programme will be made taking into consideration the performance of the candidate in the Test for Master's programme; and test as well as interview for Ph.D. programme conducted by the Institute.

(2) A weightage of 70 % for written test and 30% for the interview will be given.

9. Short listing of Applications.—

(1) Short listing of the applications for the purpose of admission test and interview will be done by an Entrance Examination Committee to be specially consitituted by the Director.

(2) Short listing of applications will be done on the basis of minimum eligibility criteria metnioned in Ordinance 4.

(3) Special criteria higher than the minimum eligibility requirement for short-listing, if considered necessary, may be set by the Board of Studies and Research (BSR).

10. Classification.—

The candidates for the admission to any one of the academic programmes offered by the Institute shall be categorised under any one of the following :

(a) Institute Scholars;

(b) Sponsored Scholars, namely :—

(i) Candidates financed by the Government/Semi-Government organisations like Council of Scientific and Industrial Research, University Grants Commission, Indian Council of Medical Research, Department of Science and Technology, Department of Bio-Technology and such other bodies and organisations;

(ii) Candidates nominated through a cultural exchange scholarship programme, self financing foreign students;

(iii) Candidates sponsored by Public or Private sector undertakings, Government Departments, Research and Development Organizations, etc.

11. Procedure for Admission.—

(1) The Information Brochure and Applications Form will be provided on request after the publication of Admission Notice in various national newspapers and website.

(2) After scrutinizing the applications, the eligible candidates will be called for written test and, or interview.

(3) The list of applicants selected for admission will be displayed on the department notice board and website.

(4) Failure of payment of admission fees by the last date (which will be notified at appropriate time) will automatically eliminate the selected candidate.

12. Fees and Payments.—

(1) All fees, charges and dues, to be determined by the Board of Governors from time to time, are to be paid in cash or by bank draft drawn in favour of the "Registrar, National Institute of Pharmaceutical Education and Research."

(2) The amount that has been deposited by the student will be refunded after deduction of an amount to be decided by the Board of Governors from time to time, if a written application is made by the student to the Dean before the date of registration.

(3) If the request for refund is made after the date of registration, only the security deposits will be refunded.

13. Scholarships.—

(1) All students of the Institute shall be entitled to scholarship as per the terms and conditions laid down by the Senate.

(2) During his registration (including previous registration, if any) in the Institute, or elsewhere (if any), a student shall receive scholarship for not more than four semesters in the case of M. Pharm., M. Tech.(Pharm.), and M.S. (Pharm.) programmes, and for not more than four years in the case of Ph.D. programme.

(3) The scholarships are renewable every semester for a masters degree student and every year for a doctoral degree student as per the terms and conditions laid down by the Senate.

(4) The scholarship will be liable to termination at any stage, if the progress of the work and the conduct of the awardee are not found satisfactory.

14. Registration of Student.—

(1) Every student has to register himself or herself personally before the commencement of each semester according to the schedule and procedure laid down by the Institute.

(2) The date, time, venue and the courses offered by the departments will be made known to the students before registration.

(3) The student has to renew the registration every semester till submission of the dissertation or thesis.

(4) The renewal of the registration shall be subject to completion of specific number of credits or courses and/ or satisfactory progress in his or her research work as recommended by the Student Research Committee (SRC).

(5) A student, who fails to register or renew his or her registration personally, will no longer be considered as student of the Institute. However, in genuine cases, the Dean may approve late registration on payment of late fee.

(6) Registration in absentia may be allowed only in exceptional circumstances at the discretion of the Dean.

(7) At the time of admission the student must remit all the required fees and payments before registration.

(8) For renewal of registration the student must produce "no dues" certificates, one from the accounts department and the other from the hostel warden (if applicable before he or she can be registered.

(9) The student may be permitted to add or delete courses (s) in consultation with the concerned course co-ordinator and Student Research Committee (SRC).

(10) The student may be permitted to withdraw from a course as well as from the entire semester in exceptional cases by making an application to the Dean giving full details of the circumstances of the cases and the Dean may permit him to do so at his discretion.

(11) No withdrawal will be granted retrospectively.

(12) The registration of the student will stand cancelled under any one of the following circumstances :—

(i) the student absents for a continuous period of four weeks without prior intimation or sanction of the leave;

(ii) the student resigns from the programme and the resignation is duly recommended by the Student Research Committee (SRC);

(iii) the student fails to register for any semester;

(iv) the academic performance of the student is found unsatisfactory;

(v) the student does not clear the examinations;

(vi) the student is found to be involved in an act of misconduct and/or indiscipline and termination is recommended by a competent authority.

15. Course Work and Evaluation :—

(a) **Credit System—**

(1) Education in the Institute will be organised around the credit system.

(2) Each course will have a certain number of credits which will describe its weightage; and the performance or progress of the student will be measured by the number of credits that he or she has completed satisfactorily.

(3) A minimum grade point average will be required to qualify for the degree.

(4) Every course in a given semester will be co-ordinated by a faculty member of the department who will be called the course co - ordinator.

(5) The co-ordinator will have the full responsibility to conduct the course, co-ordinate the work of the other members of the faculty involved in that course, hold test and assignments, award the grades; and the student is expected to approach the course co-ordinator for advice and clarification in case of any difficulty.

(b) **Evaluation —**

Credits of a course will be evaluated as under :—

(1) For all lecture courses, one credit per lecture or week or semester will generally be adopted with the restriction of a maximum of three credits per course.

(2) If there is a need for a course carrying more than three credits, it has to be established with prior permission of the board of Studies and Research (BSR).

(3) All laboratory and experimental courses will generally have one credit for five hours per week or semester; and any need for deviation from this it will have to be established with prior permission of the Board of Studies and Research (BSR).

16. Specialisation.—

Students will be admitted to the various programmes with specialisation in one of the areas namely—

(a) **Master of Pharmacy (M.Pharm) Programme.—**

(1) The course will be of four-semester duration out of which the last semester will be utlized for training in the appropriate field.

(2) Specialisation will be offered from the following areas—

(i) Quality Assurance;

(2) Pharmaceutical Technology (Formulations);

(3) Pharmaceutical Management and Marketing (with focus on developement of entrepreneurial);

(iv) Forensic Pharmacy (covering drug laws, their enforcement and case histories);

(v) Professional Pharmacy (covering Clinical Pharmacy); and

(vi) Pharmaceutical Administration in Retail and Hospital Pharmacy and Rural Pharmacy.

(b) **Master of Technology (Pharm.) Programme.—**

(1) The course will be of four-semester duration out of which a part of the time will be spent in field training.

(2) The following specialisations will be offered—

(i) Pharmaceutical Technology (based on bulk production of synthetic drugs and plant products; and

(ii) Pharmaceutical Technology (bulk production based on biotechnology).

(c) **Master of Science (Pharm.) Programme.—**

(1) The course will be of four-semester duration out of which a part of the time will be utilized in active research.

(2) Specialisation will be offered from the following areas.

(i) Pharmaceutical Analysis;

(ii) Medicinal Chemistry;

(iii) Pharmacology;

(iv) Toxicology;

(v) Pharmaceutics;

(vi) Natural Products;

(vii) Biotechnology;

(viii) Pharmacy Practice; and

(ix) Pharmacoinformatics.

(d) **Master of Business Administration (Pharm).—**

(1) The course will be four-semester duration out of which a part of the time will be spent on project work.

(2) Specialisation will be offered in the following Areas :

(i) Marketing ;

(ii) Production;

(iii) Information systems management;

(iv) Finance ; and

(v) Human Resource Management.

17. Grading System :—

(1) The grade awarded to a student in any particular course will be based on his or her performance in major tests, home assignments, laboratory work, workshop assignments etc.

(2) The distribution of the weightage will be decided by the course co-ordinator.

(3) The letter grades and their equivalent grade points are as indicated in the table below :—

Grade	Grade Point	Performances
A	10	Outstanding
A(-)	9	Excellent
B	8	Very Good
B(-)	7	Good
C	6	Average
C(-)	5	Below Average
D	4	Marginal
E	2	Poor
F	0	Very poor
I	–	Imcomplete
N	–	Audit Pass
NE	–	Audit Fail
W	–	Withdrawal
X	–	Continuation (only for major project)
S	–	Satisfactory completion
Z	–	Non-completion

Grade Point Average (GPA) = (Number of Credits X Point Grade)

(4) For calculating Grade Point Average (GPA) only those courses including projects will be taken into account, in which the student has been awarded one A, B, C, D, I, or F Grade.

18. Repetition of Examination :—

(1) The repetition of examination shall be permitted in theory courses only in the following cases :—

(i) a student has to repeat examination in all courses in which he or she has obtained E or F grades:

(ii) if a student doesn't get E or F grade(s) in any theory course(s) but scores a Cumulative Grade Point Average (CGPA) of less than 5.50, he or she can apear in maximum number of two courses to improve the grades;

(iii) in all other cases, a student desirous of improving his or her Cumulative Grade Point Average (CGPA) shall be permitted to repeat the examination in not more than two theory courses per semester.

(2) Grade points awarded in the repeat examination shall be final.

(3) Improvement candidates do not have claims for merit award and will be placed in merit below the candidates who cleared in the first attempt.

(4) Improvement results will be categorically specified in the award list.

(5) The student also has the option to register for the full course along with the regular students, when that course if offered.

(6) A student would not be entitled to avail more than two repeat examinations in each semester.

19. "I" Grade.—

Guidelines for the award of 'I' Grade will be,—

(1) Due to lack of fulfilment of all the requirements for the course on account of extraordinary circumstances, subject to having 50% attendance in tutorial and/or laboratory classes as applicable: provided the concerned course co-ordinator on being convinced about such extraordinary circumstances certifies the attendance records before such option to award 'I' grade is recommended.

(2) The award of 'I' grade to a student will be notified by the department to which the student belongs and a copy of the notification will be endorsed to the Board of Studies and Research (BSR) and to the course co-ordinator.

(3) The 'I' grade will be converted into a regular grade and sent to the Board of Studies and Research (BSR) within ten days from the date on which the major tests are over.

(4) Under special circumstance the period of conversion of 'I' Grade may be extended to the first week of the next semester, with the approval of the Dean, on the recommendation of the course co-ordinator and the Head of the Department to which the student belongs.

20. Audit Course Requirement.—

(1) The requirement of an Audit Pass for 'N' grade would be laid down by the teacher of a course at the beginning of the course.

(2) If the performance of a student is not satisfactory, he would be awarded 'N' Grade.

(3) Audit grade can be requested by a student in a particular course in which he or she is already registered not later than four weeks from the date of registration.

21. "W" Grade.—

(1) Withdrawal from a course other than major project will be allowed upto the end of the second week with the permission of course co-ordinator.

(2) The 'W' grade may be rquested by a student on a particular course on which he or she has already registered not later than four weeks from the date of registration.

(3) Being convinced that the student could not pursue his or her studies for reasons beyond anybody's control the Board of Studies and Research (BSR) may permit a student to withdraw from all courses.

22. 'X' Grade.—

(1) This grade may be awarded for incomplete project work and may be converted to a regular grade on completion of the project work and its evaluation.

(2) In exceptional cases the "X" grade may be awarded under the following conditions :—

(i) Medical grounds to the satisfaction of the Institute authority; and or

(ii) Advisor or equipment not being available.

23. Qualifying Criteria for award of Masters Degree in various programmes.—

(a) Requirements for Master of Pharmacy/Master of Technology (Pharm.)/Master of Sciences (Pharm.)/ Master of Business Administration (Pharm.).—

(1) The minimum credit requirement for Masters degree shall be 50 valid credits including a minimum of 28 credits of course work and balance credits of project work.

(2) The credit requirement for Master of Business Administration (Pharm.) degree shall be a minimum of 90 valid credits including a minimum of 75 credits course work and balance credits of project work.

(3) The minimum Cumulative Grade Point Average required for the award of the degree shall be 6.00. If Cumulative Grade Point Average is more than 5.50 but below 6.00 in any semester, the candidate may be permitted to continue in the program subject to fulfilment of Ordinance 18.

(4) If Cumulative Grade Point Average is below 5.50 in any semester, the student shall be permitted to improve his or her Cumulative Grade Point Average by repeating to a maximum of 2 theory course irrespective of the grade earned.

(5) If a student after availing the maximum number of repeat examinations as per Ordinance 18 above, fails to clear the course(s) or fails to secure minimum Cumulative Grade Point Average shall have to discontinue the programme.

(6) The maximum period for completion of the Masters Programme shall be 3 years from the date of joining the Programme.

(b) Requirements in undertaking Doctor of Philosophy.—

(1) The M.S. (Pharm.) degree holders of the Institute getting into the Ph.D. programme will have to complete doctoral courses of minimum 12 credits and all other students will have to complete minimum of 28 credits (not les than 16 credits from the specialization).

(2) The minimum Cumulative Grade Point Average requirement will be 6.50.

(3) If Cumulative Grade Point Average is above 6.00 but below 6.50 he or she will be asked to take more courses in order to make up the required Cumulative Grade Point Average.

(4) If Cumulative Grade Point Average is below 6.00 at the end of any semester he or she will have to discontinue the Ph.D. programme.

(5) A student will be formally registered or admitted to the candidacy of Ph.D. degree only after clearing the comprehensive examination which he or she will be permitted to take only after the submission of a research plan and completion of the course work.

(6) A maximum of two attempts (not in the same semester) will be allowed to any student to clear the comprehensive examination.

(7) A student must formally register for Ph.D. after having completed the comprehensive examination.

(8) The student will be required to be registered for a period of not less than three years but in exceptional cases the minimum registration period may be reduced to two years with the approval of the Senate.

24. Committees.—

The Board shall constitute the following committees to carry out the purposes of the Institute :—

(a) Board of Studies and Research (BSR).—

(1) The committee shall consist of the following members :

(i) The Dean, who shall be the Chairman;

(ii) Head of Department of all Departments as members;

(iii) Three different experts from three different fields of Pharmaceutical Sciences; and

(iv) Deputy Registrar (Examination), who shall be the non-member secretary of the committee.

(2) The committee will supervise the administrative functionalities related to student admission, running of the course works, examination or evaluation procedures and any such matter forwarded to it by the Departmental Research Committee (DRC).

(b) **Departmental Academic Advisory Committee (Advisory Committee).—**

The committee shall consist of the following members :—

(i) Head of the Department, who shall be the Chairman of the committee;

(ii) Dean's nominee, who shall be a faculty member of the Institute other than that of the department concerned and shall remain member for two years; and

(iii) Two experts to be nominated by the concerned Department out of which one should be from academic side and other from the industry.

(c) **Student Research Committee (Research Committee).—**

The committee shall consist of the following members :—

(i) Head of Department (and another faculty member of the department concerned, in case the Head of the department is the advisor);

(ii) The advisor, who shall be the Chairman of the committee;

(iii) One expert in the field from the department; and

(iv) Dean's nominee, who shall be a faculty member of the Institute, preferably in the related area, other than that of the department concerned.

25. Thesis Advisor(s).—

(1) Every admitted student will be assigned a Research Advisor by the Head of Department on the recommendation of the Departmental Research Committee taking into consideration the preference of the student, subject to approval by the Dean.

(2) In the case of M.S. (Pharm.) students the assignment of the advisor will be initiated in the beginning of the second semester.

(3) The advisor will be a full-time member of the academic staff of the Institute.

(4) For Ph.D. student the advisor shall be appointed during the first semester.

(5) If necessary, the Board of Studies and Research (BSR), on the recommendation of the advisor through the Departmental Research Committee, may appoint joint advisor(s) not exceeding two from inside or outside the Institute, to help the advisor in the accomplishment of the research work of the student.

(6) Normally there should not be more than two advisors for a candidate within the Institute and the joint advisor should be appointed within a period of eighteen months from the date of registration of the student except when the advisor(s) is or are not in the Institute for a year or more at a stretch.

26. Research Proposal for Comprehensive Examination.—

(1) In order to establish the comprehension of his or her broad field of research and the academic preparation and potential to carry out the proposed research plan, each Ph.D. student will have to take a comprehensive oral examination to be conducted by the Student Research Committee, who will evaluate the student through an oral examination in the context of the research plan submitted by him or her and on the basis of the performances of the student in the examination the said committee will make one of the following recommendations.

(a) **The student.—**

(i) has passed;

(ii) will have to reappear in the examination after a defined period of time specified by the Student Research Committee (SRC) and after taking additional courses;

(iii) will have to resubmit the research plan modified as suggested by the Student Research Committee (SRC) and to be evaluated after a defined period of time;

(iv) has failed.

(b) **Research plan.—**

(i) Approved;

(ii) Not approved.

(2) A student will be provided a maximum of two attempts to pass the comprehensive examination and has to complete such examination before the beginning of sixth semester failing which his or her registration will be cancelled.

27. Eligibility conditions for the award of Ph.D.—

(1) Having completed the doctoral courses [normally within the first two semesters of joining the programme in case of M.S. (Pharm.) entrants and with four semesters for M.Sc. or M.Pharm. entrants] with a minimum Cumulative Grade Point Average of 6.50, the student may formally register himself or herself to the candidacy of Ph.D. Degree only after he or she has cleared the comprehensive examination.

(2) Application for registration must be made to the Board of Studies and Research (BSR) in the prescribed form.

(3) The date of registration will be the date of joining the programme. In exceptional cases the date of registration may be preponed by a maximum of six months by the Board of Studies and Research (BSR) if it is convinced that the student has spent adequate amount of time in research earlier.

28. Progress Monitoring.—

(1) The Student Research Committee will meet from time to time and review the progress of each student in course work, in research and the oral examination and if necessary may suggest after due consultation with the advisor(s), ways and means to improve the performance of the student.

(2) The Student will be asked to submit a progress report to his or her advisor(s) at the end of each semester; who in turn will arrange for review by the Student Research Committee.

(3) The recommendation after review will be one of the following:—

(i) continuation of registration; or

(ii) continuation of registration with suggestion for improvement; or

(iii) termination of registration.

29. Peparation and submission of Thesis or Dissertation.—

(1) After completion of the project and obtaining the clearance from the Student Research Committee, the M.S. (Pharm.) student will prepare the dissertation for submission.

(2) On completion of Ph.D. research work and obtaining clearance from the Student Research Committee, the student will submit through the advisor(s), the synopsis of the research work done including bibliography to the Student Research Committee.

(3) The Ph.D. student will be required to submit the thesis within five years from the date of registration which may be extended to a maximum of seven years with the approval of the Board of Studies and Research (BSR).

(4) Four copies of the thesis have to be submitted within six months from the date of submission of the synopsis.

(5) The M.S. (Pharm.) students will be required to submit four copies of the dissertation after getting the clearance of the Student Research Committee.

30. Board of Examiners.—

(1) After the submission of the synopsis by the Ph.D. student a board of examiners will be constituted by the Dean which will consist of two experts in the area of research of the student out of a panel of six experts suggested by the advisor(s) and recommended by the Student Research Committee.

(2) For the M.S. (Pharm.) dissertation, the Student Research Committee will act as the Board of Examiners.

31. Evaluation of the Thesis or Dissertation.—

(1) Ph.D. thesis will be evaluated by the Board of examiners appointed by the Dean.

(2) Each examiner will be requested to evaluate the thesis and send their assessment and recommendation to the Dean within a stipulated time.

(3) In the case of disagreement between the examiners, the Dean, in consultation with the Student Research Committee may appoint another examiner to evaluate the thesis.

(4) In the event of not receiving report in time, the Dean may appoint another examiner to evaluate the thesis.

(5) In case the examiners recommend resubmission of the Ph.D. thesis, the candidate should do so within one year from the date of receipt of the communication which may be extended to not more than two years in exceptional circumstances irrespective of number of revisions allowed.

(6) M.S. (Pharm.) dissertation will be evaluated by the Student Research Committee.

32. Award of Degree.—

(1) If a candidate has been recommended for viva voce examination, he or she shall defend his or her thesis or dissertation accordingly, in case of Masters degree, before the Student Research Committee and in case of Ph.D. degree, before the Oral Defence Committee (ODC) duly constituted by the Dean normally consisting of the advisor(s) and one of the two external examiner(s); any deviation from which needs prior permission from the Dean.

(2) On the completion of viva voce the Oral Defence Committee (ODC) shall recommend to the Dean any one of the following :—

(i) that the degree be awarded without any modification or correction; or

(ii) that the degree be awarded with the specific modification or correction; or

(iii) that the candidate be re-examined at later specific date and time; or

(iv) that the degree should not be awarded.

(3) the degree shall be awarded by the Senate, provided that:

(i) the Oral Defence Committee (ODC) recommends to do so;

(ii) the student provided "no dues" certificate(s); and

(iii) the student has submitted five copies of hard bound and completed thesis.

33. Post Doctoral Research.—

For certain research projects, post-doctoral fellows may be associated and they may voluntarily attend selected courses at the Institute in the areas in which they find themselves deficient.

34. Training and Continuing Education Programme:—

(1) In order to keep the persons associated with pharmacy profession updated about the latest development in the field of pharmacy, the Institute will, from time to time, arrange training programmes.

(2) Persons engaged in teaching in the various disciplines of pharmacy in the colleges or universities will be made aware of the recent advancements in the field of pharmacy through the continuing education programmes (e.g. refresher courses etc.) in the Institute.

(3) The Institute will interact with national (e.g., All India Council of Technical Education) and international (e.g., World Health Organization) bodies in this regard.

35. Media and Curriculum Development.—

(1) In order to improve the quality of the education in the pharmacy profession the curriculum will be continuously evaluated and updated through introduction of new programmes in emerging areas of technology and modernisation of laboratory training or workshop.

(2) In context of the liberalisation, globalisation and privatisation on Indian economy, a special attention will be focussed on improving the curriculum, keeping in view the need of the rightly trained persons for the industries.

(3) The curriculum development will involve both the national and international level interaction of the Institute so as to identify professional from industries who can be associated in curriculum planning through identification of industrial task or problems.

(4) Since the effective development of any curriculum is highly dependent on the media adapted for the purpose, the print and non-print materials will be chosen, keeping pace with the advacement of the pharmacy profession.

(5) The desktop publication unit of the Institute will be utilised effectively in making slides, models, video programmes, and related ancillaries for making the implementation of the curriculum scientifically effective.

36. Attendance.—

(1) All students are required to attend every lecture and practical class during the semester: provided that in the case of the late registration, sickness and other contingencies, the attendance required will be a minimum of 75% of the classes actually held.

(2) A student appearing in the repeat examinations under Ordinance 18 will not be required to attend classes.

(3) A student appearing in the repeat examination under clause (5) of Ordinance 18 will be required to attend classes with the regular students of the next batch and the attendance requirement will be same as given at (1) above.

37. Leave.—

(1) For Masters degree programme:—

(i) a student is entitled to a maximum of forty-five days' leave in addition to general holidays during the three semester of their stay at the Institute and not be entitled for any other vacation such as summer, winter, etc;

(ii) the leave is subject to the approval of the Head of the department;

(iii) ten days' of medical leave every year besides the forty-five days' leave can be granted by the Head of Department.

(2) For Ph. D. degree programme, a student is entitled to thirty days' leave in each year in addition to the general holidays.

(3) Women student shall be entitled to three months' maternity leave with scholarship in addition to the thirty days' leave, once during their tenure.

(4) Leave with scholarship may be granted to students for attending academic meetings or conferences or symposia with the prior approval of the Dean.

(5) Leave of any kind has to be recommended by the advisor for the approval by the Head of the Department.

(6) Every department shall maintain leave account of each student.

38. Hostel Accommodation.—

(1) All admitted postgraduate students may be provided the hostel facility, subject to availability and fees for such accommodation shall be as specified by the Senate from time to time.

39. General Note.—

(1) All students admitted to the Institute will be subject to medical examination by the competent authority prescribed by the Institute.

(2) Not withstanding anything contained in this Ordinance, all categories of students or candidates shall be governed by the rules and procedures laid by the Senate in this regard.

(3) Any doubt or dispute arising regarding this Ordinances shall be referred to the Chairman, Senate for its decision.

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G.S. SANDHU, Jt. Secy.

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