



JAGAN NATH UNIVERSITY, BAHADURGARH, HARYANA

Ph.D. (Doctor of Philosophy) Regulations, 2022*

1.0 Introduction

1.1 Jagannath University has a strong commitment to high quality research for quality education and enhances the professional competence of the students rich in knowledge and innovative in approach. The University offers Ph.D. (**Doctor of Philosophy**) programme to the eligible students who are interested in doing research.

1.2 The Regulations govern the conditions for Ph.D. programme, admission procedure, appointment of supervisors, imparting courses of instructions, implementation methodology, and conduct of the examinations and evaluation of student's performance leading to award of Ph.D. Degree. These regulations have been made in pursuance of University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations, 2022)

2.0 Definitions – (1) In these Regulations, unless the content otherwise requires,-

- a) “Adjunct Faculty” means a part-time or contingent instructor, but not a full-time faculty member hired to teach by the University.
- b) “Cumulative Grade Point Average (CGPA)” means a measure of the overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semester and the sum of the total credits of all courses in all semesters. It is expressed up to two decimal places;
- c) “Credit” means the number of hours of instruction required per week over the duration of a semester. A three-credit course in a semester means three one-hour lectures per week, with each one-hour lecture counted as one credit;
- d) “Course work” means courses of study prescribed by the School/Department/ Centre to be undertaken by a student registered for the Ph.D. Degree;
- e) “Degree” means a degree awarded by the University in accordance with the provision of section 22(3) of the Act;
- f) “External examiner” means an academician/researcher with published research work who is not part of the University where the Ph.D. scholar has registered for the Ph.D. programme;
- g) “Foreign Educational Institute” means-(i) an institution duly established or incorporated in its home country and offering educational programmes at the undergraduate, postgraduate and higher level in its home country and (ii) which offers programme(s) of study leading to the award of a degree through conventional face-to-face mode, but excluding distance, online, ODL mode;
- h) “Grade Point” means a numerical weight allotted to each letter grade on a 10-point scale;
- i) “Guide/Research Supervisor” means an academician/researcher recognized by the University to supervise the Ph.D. scholar for his/her research;
- j) “Interdisciplinary Research” means research conducted by Ph.D. scholar in two or more academic discipline;
- k) “Open and Distance Learning Mode’ shall have the same meaning as defined under the UGC (open and distance learning programmes and online programmes) Regulations 2020.
- l) “Online mode” shall have the same meaning as defined under the UGC (open and distance learning programmes and online programmes) Regulations 2020.
- m) “Plagiarism” means the practice of taking someone else’s work or idea and passing them as one’s own;

- n) “Programme” means a higher educational programme pursued for a degree specified by the Commission under sub-section (3) of section 22 of the Act;
- o) “Research Proposal” means a brief write-up giving an outline of the proposed research work which the Ph.D. scholar shall submit along with the application for registration for Ph.D. programme;

3.0 Research Board

3.1 There shall be a Research Board consisting of:

- (a) President (Chairman)
- (b) Pro President
- (c) Deans of the Faculties
- (d) Senior Most Professor or incase there is no professor, the Senior Most Associate Professor in the teaching departments of the University.
- (e) Three distinguished members who are not employees of the University, to be nominated by the Chancellor.
- (f) Registrar shall be the Secretary of the Board.

3.2 The members other than the ex-officio members shall have a term of three years and shall be eligible for re-nomination.

3.2.1 One third of the members shall constitute the quorum.

3.2.2 In the absence of the President and the Pro-President, these senior most Dean present at the meeting will preside.

3.2.3 There commendations of the Research Board shall be placed before the Academic Council.

3.2.4 The Research Board shall meet at least once in an academic session.

3.3 Research Board shall be responsible for:

3.3.1 Promotion and maintenance of the standards of research.

3.3.2 To monitor and guide all research programmes including Doctoral research.

3.3.3 Identified research and Development thrust area within the frame work of the objectives of the University.

3.3.4 Formulation of regulations and procedures for research development and consultancy work.

3.3.5 Plan, initiate, review and over see the research activities.

3.3.6 Evolve and implement multi-disciplinary programmes utilizing the infrastructure and resources of the University gainfully.

3.4 Functions of the Research Board

3.4.1 To consider and recommend applications from teachers for recognition as research supervisors.

3.4.2 To recommend names of distinguished persons from outside the University for guiding research work as a co-supervisor.

3.4.3 To consider the cases for registration for doctoral degrees where there is change off faculty.

3.4.4 To consider cases of difference of opinion between examiners of doctoral thesis and other exceptional situations note expressly covered by the Regulations.

3.4.5 To consider any other matter referred to it by the authorities of University or Chancellor, President, Pro President.

4.0 Ph.D. Programmes offered

Doctoral Programme leading to Ph.D. will be offered in the following Faculties of the University:

- (a) Faculty of Engineering and Technology
- (b) Faculty of Management and Commerce
- (c) Faculty of Law
- (d) Faculty of Education
- (e) Faculty of Sciences
- (f) Faculty of Arts and Languages
- (g) Faculty of Medical and Allied Health Science
- (h) Any other faculty as may be approved by the University from time to time

4.0 Departmental Research Advisory Committee

4.1 There shall be a Departmental Research Advisory Committee consisting of:

- (a) Dean of the Faculty concerned
- (b) Head of the Department concerned
- (c) Senior Most Professor, other than the Head of the Department/Senior Most Associate Professor other than the head, if there is no Professor.
- (d) At least one specialist in the concerned subject of the research nominated by the HOD in consultation with the Dean and approved by the President. The specialist may also be an outside expert.
- (e) Supervisor concerned in the case a matter relating to his/her candidate is in the Agenda of the meeting.

Note: In case a Dean is not available, the President may nominate a senior faculty to preside over the meeting.

4.2 Functions of Departmental Research Advisory Committee

- (a) To 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.
- (b) To review their search proposal and finalize the topic of research.
- (c) To consider and recommend the applications from supervisor for appointment of co-supervisor.
- (d) To consider and recommend the application for the change of supervisor in between the course due to some valid reasons.
- (e) To consider and recommend the application for the change in subject/ faculty different from the subject/faculty at master's degree.
- (f) To consider and recommend the application from a student registered in some other recognized university but wants to shift to Jagan Nath University for pursuing his Ph.D.
- (g) To consider and recommend the modification of topic of research within one year after the date of registration.
- (h) To consider and recommend minor changes in the wordings of the topic of the thesis at least six months prior to submission of thesis.
- (i) To periodically review and assist in the progress of the research work of the research scholar.

5.0 Eligibility criterion for admission to Ph.D. Programme

5.1 Eligibility

Candidates who have completed

- (a) 1-year/2-semester master's degree programme after a 4-year/8-semester bachelor's degree programme or a 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme or qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification from a foreign educational institution 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 to assess, accredit or assure quality and standards of the educational institution.

A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer) /Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.

Provided that a candidate seeking admission after a 4-year/8-semester bachelor's degree programme should have a minimum of 75% marks in aggregate or its equivalent grade on a point scale wherever the grading system is followed. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.

- (b) Candidates who have completed the M.Phil. programme with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification from a foreign educational institution 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 to assess, accredit or assure quality and standards of educational institutions, shall be eligible for admission to the Ph.D. programme. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer) /Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.

- 5.2 It will be the responsibility of the candidate to ensure his/her eligibility and fulfillment of such other conditions as may be prescribed for admission in the rules and regulations of the University. Before submission of Application Form, the candidate is required to ascertain these facts from the concerned Faculty. Merely qualifying the entrance test will not ipso-facto entitle a candidate to get himself admitted for Ph.D. course in the Faculty concerned.

6.0 Procedure for admission

- 6.1 The number of seats for Ph.D. shall be decided on an annual basis well in advance and notified in the University website or advertisement. A pre determined and manageable number of Ph.D. Scholars shall be admitted depending on the number of available Research Supervisors and other academic and physical facilities available. The University shall notify a prospectus well in advance on its website specifying the number of seats available for admission, subject/discipline-wise distribution of available seats, criteria for admission, the procedure for admission, and all other relevant information for the candidates.
- 6.2 The candidates shall apply for the admission in Ph.D. course in prescribed Form available at the University office or can be downloaded from University website www.jagannathuniversity.ncr.ac.in. The application Form duly filled by candidate should be submitted along with required fee (as fixed by the University).
- 6.3 The University shall admit Ph.D. students through an Entrance Test conducted at the level of University.
- 6.4 The candidates who have qualified for UGC- JRF/NET, CSIR-JRF/NET/GATE/CEED and similar national level tests may be admitted on the basis of an interview.

- 6.5** The admission shall be based on the criteria notified by the University, keeping in view the guidelines/norms in this regard issued by the UGC and other statutory bodies concerned, and taking into account the reservation policy of Center/State Government from time to time.
- 6.6** University shall admit candidates by a two stage process through:

Entrance Test:

- (a) The candidates will be given admission through entrance test to ensure quality, to be organized by the University.
- (b) An Entrance Test shall be qualifying with qualifying marks as 50%. A relaxation of 5 % of marks (from 50% to 45%) shall be allowed for the candidates belonging to SC/ST/OBC/Differently- Abled category, Economically Weaker Section (EWS), and other category of the candidates as per the decision of the commission from time to time in the entrance examination.
- (c) The syllabus of the Entrance Test shall consist of 50% of research methodology and 50% shall be subject specific. The test should examine research aptitude, grasp of the subject, intellectual ability and general knowledge of the prospective candidates. The Entrance Test shall be conducted at the Centre(s) notified in advance (changes of Centers, if any, also to be notified well in advance) at the level of University.

Interview:

- (d) The candidates who qualify the entrance test will be called for interview based on number of Ph.D. seats available. In the interview/viva-voce the candidates are required to discuss their research interest/area through a presentation before a duly constituted Department Research Committee.
- (e) The interview/viva voce shall also consider the following aspects, viz. whether:
- The candidate possesses the competence for the proposed research;
 - The research work can be suitably under taken at the Institution/University;
 - The proposed area of research can contribute to new/ additional knowledge.
- (f) The candidates who are exempted from the entrance test shall have to take the interview.
- 6.7** For the selection of candidates based on the entrance test conducted by the university, a weightage of 70 % for the entrance test and 30 % for the performance in the interview /viva- voce shall be given.
- 6.8** After the interviews, the applications of the selected candidates will be scrutinized by University office. These candidates shall be admitted provisionally as Ph.D. student of the University on payment of the prescribe fee. The fee deposited will not be refunded for any reason, whatsoever.
- 6.9** The applications for admission shall be sent to the University office and shall be accompanied by the prescribed fee, the original Master's degree/ M. Phil. Degree (if any) and the Migration Certificate of the University from which he took the last degree.
- 6.10** The University shall maintain the list of Ph.D. supervisor and all the Ph.D. registered students on its 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, name of department, and designation of supervisors.
- 6.11** No candidate will ordinarily be permitted to do research work for the degree of Ph.D. in a Subject/Faculty different from the one in which he has obtained his/her Master's Degree. Permission to pursue Ph. D degree in a different Subject/Faculty may be granted in special cases on the recommendation of Departmental Research Advisory committee after conducting a written test of 3 hours duration judging the proficiency of the candidate in the subject concerned on payment of prescribed fee.

7.0 Allocation of Research Supervisor

7.1 Eligibility of supervisors

The following persons will be ipso-facto eligible to act as research supervisors:

- (a) Permanent faculty members working as Professor/Associate Professor of the university with a Ph.D., and at least five research publications in peer-reviewed or refereed journals and permanent faculty members working as Assistant Professors in the university with a Ph.D., and at least three research publications in peer-reviewed or refereed journals may be recognized as a Research Supervisor in the university.
- (b) Such recognized research supervisors cannot supervise research scholars in other institutions, where they can only act as co-supervisors.
- (c) For Ph.D. scholars working in Central government/ State government research institutions whose degrees are given by the university, the scientists in such research institutions who are equivalent to Professor/Associate Professor/Assistant Professor can be recognized as supervisors if they fulfill the above requirements.

Provided that in areas/disciplines where there is no, or only a limited number of peer-reviewed or refereed journals, the university may relax the above condition for recognition of a person as Research Supervisor with reasons recorded in writing.

- 7.2** In case of interdisciplinary /multidisciplinary research work, if required, a Co-Supervisor from outside the Department//University may be appointed.
- 7.3** An eligible Professor/Associate Professor/Assistant Professor can guide up to eight (8) / six (6) / four (4) Ph.D. scholars, respectively, at any given time.
- 7.4** In case of relocation of a female Ph.D. scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the Higher Educational Institution to which the scholar intends to relocate, provided all the other conditions in these Regulations are followed, and the research work does not pertain to a project sanctioned to the parent Institution/Supervisor by any funding agency. Such scholar shall, however, give due credit to the parent institution and the supervisor for the part of research already undertaken.
- 7.5** Faculty members with less than three years of service before superannuation shall not be allowed to take new research scholars under their supervision. However, such faculty members can continue to supervise Ph.D. scholars who are already registered until superannuation and as a co-supervisor after superannuation, but not after attaining the age of 70 years.
- 7.6** The allocation of Research Supervisor for a selected research scholar shall be decided by the Departmental Research Advisory Committee concerned depending on the number of scholars per Research Supervisor, the available specialization among the Supervisors and research interests of the scholars as indicated by them at the time of interview/viva voce.
- 7.7** The allocation of seats to the supervisor will be as per number of seats available with him and also keeping in view the available laboratory/ infrastructure, specialization and the research interest of the student.
- 7.8** The supervisor is directly responsible for the supervision and mentoring the student. The supervisor is to provide counsel on all aspects of the programme and be involved in the student's research activities and progress.
- 7.9** Departmental Research Advisory Committee may initiate the process of registration of the candidates (exempted from course work) immediately after their admission as Ph.D. student.

7.10 Co-supervisor

The Co- supervision in the same department or different department/faculty is permissible in special cases:

- 7.10.1 The reasons for Co supervision are well defined by the supervisor.
 - 7.10.2 Departmental Research Advisory committee will decide who will be the Co supervisor.
 - 7.10.3 In case of Co supervisors, the candidate will be counted as one seat in the quota of supervisor.
 - 7.10.4 The Co supervisor will not act as an examiner.
 - 7.10.5 In case of topics which are of inter-disciplinary nature where the Department concerned 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 on such terms and conditions as may be specified and agreed upon by the consenting Institutions/Colleges.
 - 7.10.6 Co-Supervisors from within the same department or other departments of the university or other institutions may be permitted with the approval of the Research Board.
 - 7.10.7 Adjunct Faculty members shall not act as Research Supervisors and can only act as co-supervisors.
- 7.11** If the Supervisor of a candidate leaves the University before the completion of the research work or is otherwise unable to see the work through, due to some valid reason(s), Research Board may allow the change of the Supervisor, on the recommendation of the Departmental Research Advisory committee.
- 7.12** A teacher of the recognized University/ college/ Institution willing to act as a co-supervisor to guide Ph.D. scholars shall submit his/her request on prescribed application form available at University website along with the Bio-data giving teaching experience, research work, publications, etc. to the Registrar, Jagan Nath University.
- 7.13** The Research Board will consider the application of the teachers and shall submit its recommendations to the Academic Council for its approval.

8.0 Course-Work: Credit Requirements, number, duration, syllabus, minimum standards for completion, etc.

The course work is compulsory for all students admitted to the Ph.D. course. They shall be required to undertake course work for a minimum period of one semester. The credit assigned to the Ph.D. course work shall be a minimum of 12 credits including a “Research and Publication Ethics” course as notified by UGC vide D.O. No. F.1- 1/2018(Journal/CARE) in 2019 and a research methodology course. The Research Advisory Committee can also recommend UGC recognized online courses as part of the credit requirements for the Ph.D. programme.

- 8.1** All candidates admitted to the Ph.D. programme shall be required to complete the Ph.D. course work prescribed by the Department.
- 8.2** Ph.D. course work shall be in conformity with the credit hour instructional requirement and shall specify content, instructional and assessment methods. They shall be duly approved by the Academic Council on the recommendation of the Departmental Research Advisory Committee.
- 8.3** The course work will be treated as Pre-Ph. D. course preparation. Four credits shall be assigned courses on Research Methodology which covers areas such as quantitative methods, review of published research in the relevant field, training, field work, etc. Other courses on Research and publication Ethics, Computer Applications and Advanced subject paper shall be of two credits each course and four credits respectively.
- 8.4** All candidates admitted to the Ph.D. programmes shall be required to complete the course work prescribed by the Department during the initial one or two semesters.
- 8.5** A Ph.D. scholar has to obtain a minimum of 55% of marks or its equivalent grade in the UGC 10-point scale (or an equivalent grade/CGPA in a point scale) in the course work in order to be eligible to continue in the programme and submit the thesis.

- 8.6** All Ph.D. scholars, irrespective of discipline, shall be required to train in teaching /education/pedagogy/writing related to their chosen Ph.D. subject during their doctoral period. Ph.D. scholars may also be assigned 4-6 hours per week of teaching/research assistantship for conducting tutorial or laboratory work and evaluations.
- 8.7** In case, a student fails in the Ph.D. course work, he shall be given one more chance to qualify the examination.
- 8.8** Academic Council shall have the power to cancel the admission of a student at any time, after the issue of a due show-cause notice, on disciplinary or any other grounds which are considered to be not in consonance with the dignity and behavior of a research scholar or nonpayment of hostel or any other dues.
- 8.9** After Qualifying the Ph.D. Course work examination, each eligible candidate shall submit his application for registration to Ph.D. course on the prescribed form to the Head of the Department, submitting a scheme or outline of the subject he proposes to investigate with a statement of work and any prior work and literature survey that he may have done on the subject within the stipulated time given by the university.
- 8.10** Departmental Research Advisory Committee shall examine these applications under the following conditions:— (i) Whether the candidate is eligible for registration, (ii) Whether the candidate is within the permissible quota of the supervisor, (iii) Whether the candidate fulfills all conditions for registration. And shall test the applicant through seminar to probe his knowledge in the subject, determine his suitability, satisfy itself that the subject can be profitably pursued for research by the applicant under the superintendence of the Department and forward the application along with the name of Supervisor allotted to the candidate and the topic of research to the academic branch for consideration of Research Board.
- 8.11** The Research Board shall decide the case of registration as it deems fit and shall approve the topic of research and the name of the supervisor/co-supervisor. Co-supervisor may be from Intra-Departmental/Inter-Departmental/ External if Research Board considers it desirable in a particular case recommended by the Departmental Research Advisory Committee. The reason for the recommendation of co-supervisor will be recorded in the proceedings.

9.0 Fellowship

- 9.1** The Candidates enrolled for Ph.D. may be awarded scholarship/ fellowship by any funding agency and their payment of scholarship shall be released after their cases are recommended by the Departmental Research Advisory Committee.
- 9.2** JRF students registered for Ph.D. research work will be paid their fellowship as and when received from funding agency by the university.
- 9.3** Candidates availing the fellowships are bound to follow all the rules of the funding agency.

10.0 Duration of the Programme:

- 10.1** Ph.D. programme shall be for a minimum duration of three years, including course work and a maximum of six years from the date of admission to the Ph.D. programme.
- 10.2** A maximum of an additional two (2) years can be given through a process of re-registration as per the Statute/Ordinance of the university; provided, however, that the total period for completion of a Ph.D. programme should not exceed eight (8) years from the date of admission in the Ph.D. programme.

Provided further that, female Ph.D. scholars and Persons with Disabilities (having more than 40% disability) may be allowed an additional relaxation of two (2) years; however, the total period for completion of a Ph.D. programme in such cases should not exceed ten (10) years from the date of admission in the Ph.D. programme.

- 10.3** Female Ph.D. Scholars may be provided Maternity Leave/Child Care Leave for up to 240 days in the entire duration of the Ph.D. programme.
- 10.4** Every candidate shall submit his thesis after a period of minimum three years from the date of his enrollment in the Ph.D. Programme, but not before two years from the date of registration, whichever is later.
- 10.5** In case a Candidate does not submit his thesis within the above mentioned period he will not be permitted to submit the thesis on the same topic and will be required to apply for a fresh registration on a changed topic.
- 10.6** A candidate has been registered as a student for the degree of Ph.D. in another University and has worked on the approved subject for not less than a year from the date of admission, he may be permitted by the Research Board on the recommendation of Departmental Research Committee, to register himself as a research student of the University and to submit his thesis after the expiry of the remaining period subject to minimum of one year in this University. He shall be liable to pay the minimum fee of Ph.D. course for two years.
- 11.0 Evaluation and Assessment Methods, minimum standards/credits for award of the degree, etc.:**
- Upon satisfactory completion of coursework, and obtaining the marks/grade prescribed in clause 8.5 above, as the case may be, the Ph.D. scholar shall be required to undertake research work and produce a draft thesis within a reasonable time mentioned in clause 10.0.

11.1 Prerequisite of submission of Thesis

- 11.1.1 A research scholar shall appear before the Departmental 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 Departmental Research Advisory Committee to the University with a copy to the research scholar.
- 11.1.2 In case the progress of the research scholar is unsatisfactory, the Departmental Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Departmental Research Advisory Committee may recommend to the University with specific reasons for cancellation of the registration of the research scholar.
- 11.1.3 Prior to submission of thesis, the student shall make a pre Ph. D presentation in the Department concerned before the Research Advisory Committee may open to all the faculty members and research scholars, for getting feedback and comments, which may be suitably incorporated into draft thesis under the advice of the Research Advisory Committee and the same be submitted within six months along with the deceleration (Annexure1). Only in extraordinary cases the President may extend the time.
- 11.1.4 The student shall publish at least two research papers one in the journal indexed in UGC CARE list/refereed journal and make two paper presentations in conferences/seminars for adjudication, and produce evidence for the same in the form of presentation certificates and/or reprints at the time of pre Ph.D.presentation.
- 11.1.5 Every Ph.D. Scholar shall get a plagiarism check on the well developed plagiarism checking software and gadgets of his draft thesis to detect plagiarism and other forms of academic dishonesty and shall submit the report generated on the plagiarism checking software of his draft thesis along with a soft copy of the draft thesis and declarations about the plagiarism on the prescribed format (policy on plagiarism is available on the website of university) for the consideration of Departmental Research Committee.
- 11.2** The student may incorporate in his thesis, contents of any of his published papers and he should state this in unambiguous terms in the thesis
- 11.3** No student shall join any other course of study or appear at any examination while conducting research. The President may, however, allow a candidate to appear in an examination or to attend a course in the University which is conducive to his research and is of minor nature, including improvement of any previous result.

- 11.4** The Research Board may allow a topic of research be modified on recommendation of Departmental Research Advisory Committee, as per Clause (g) of the Regulation 4.2.
- 11.5** Minor changes in the wording of the topic of a thesis may be allowed by the Research Board on recommendation of Departmental Research Committee, as per Clause (h) of the Regulation 4.2.
- 11.6** The supervisor shall notify to the University (not earlier than six months of the date of submission of thesis) that the thesis is presentable in all its aspects and shall forward two copies of the brief summary of the thesis to the University for pre Ph.D. presentation.

11.7 Thesis:

- 11.7.1 The literary presentation of the thesis should be of a high standard i.e. concise, laid out logically and in proper sequence, far from grammatical and typographical errors and referenced properly.
- 11.7.2 The thesis shall comply with the following conditions to merit the award for the Ph.D. degree:
- (a) It should be a piece of research work characterized either by the finding of new facts or by a fresh approach towards interpretation of facts and theories.
 - (b) It should reflect the candidate capacity for critical examination and judgment.
 - (c) It should be satisfactory in its literary presentation.
- 11.7.3 A student, in addition to the conditions laid down above, may also submit a thesis based on the work in one or more of the following categories.
- (a) The candidate has constructed equipment capable of research grade measurements.
 - (b) The candidate has designed and constructed equipment, which provides an innovative approach to the teaching and understanding of the fundamental principles relating to a class of phenomena.
 - (c) The candidate has designed, developed and fabricated equipment and/or developed a process, which contributes to the Industrial/ Technological self reliance of the country.
 - (d) The candidate shall present a survey of literature in the field concerned and make a critical study of the topic showing a comprehensive knowledge of the current status and direction in the field. The candidate shall also present a detailed and critical report of experiments that he has carried out with the equipment developed.
- 11.7.4 The thesis shall have an undertaking from the research scholar and a certificate from the Research Supervisor attesting to the originality of the work, vouching that: (i) there is no plagiarism, (ii) and that 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 on the prescribed format (Annexure –II).

11.8 Submission of Thesis

- 11.8.1 After the thesis is complete, the candidate shall supply five printed or typewritten copies of the thesis along with two softcopies (CD) of his thesis in the prescribed colour as mentioned below:
- Faculty of Management: Yellow
- Faculty of Law: Black
- Faculty of Engineering and Technology: Sky Blue
- Faculty of Education: Brownish Mustard
- Faculty of Physiotherapy: Navy Blue
- 11.8.2 All the fee, dues, fines, etc. of the University must have been paid at the time of submission of the thesis. The student should also produce 'No Dues Certificate' from all the concerned departments of the University.

11.9 Panel of examiners

- 11.9.1 The supervisor of the candidate will suggest a panel of eight names of external experts giving their official and residential address, mobile number and email address. The supervisor shall give a certificate to the effect that the names suggested in the panel are not relatives of the supervisor or candidate. If the supervisor fails to supply the panel of Examiners within one month after the submission of thesis in the University, the President may draw the panel in consultation with respective Dean/ HoD.
- 11.9.2 The panel prepared by the supervisor will be sent through the Dean concerned to Controller of Examination in a sealed cover. The President will appoint from the panel, two examiners who are not in employment of the university out of which at least one shall be from outside the state/country. The President may add more names of the subject experts in the panel.
- 11.9.3 The thesis when received shall be referred for evaluation to the supervisor and two external examiners appointed by President. If the Supervisor is not sending the report of evaluation within four months, the President may, if need be, send the thesis for evaluation to another examiner from the panel.

11.10 Evaluation

- 11.10.1 The Ph.D. thesis submitted by a Ph.D. scholar shall be evaluated by his/her Research Supervisor and at least two external examiners who are experts in the field and not in employment of the university. Such examiner(s) should be academics with a good record of scholarly publications in the field. Wherever possible, one of the external examiners should be chosen from outside India. The viva-voce board shall consist of the Research Supervisor and at least one of the two external examiners and may be conducted online. The viva-voce shall be open to the members of the Research Advisory Committee/faculty members/ research scholars, and students.
- 11.10.2 The viva-voce of the Ph.D. scholar to defend the thesis shall be conducted if both the external examiners recommend acceptance of the thesis after incorporating any corrections suggested by them.
- 11.10.3 The university shall complete the entire process of evaluating a Ph.D. thesis, including the declaration of the viva-voce result, within a period of six (6) months from the date of submission of the thesis.
- (a) The examiners shall send their reports normally within two months to the Controller of the Examination by name marked 'Confidential'. If, the reports are not received within four months, the President may, if need be, send the thesis for evaluation to another examiner from the panel.
- (b) The examiners shall send their reports on the prescribed proforma normally within two months of the receipt of the thesis. The examiners will state categorically whether in his opinion:
- (i) Thesis should be accepted for the award of Ph.D. degree;
- OR
- (ii) It should be referred back to candidate for presenting it again in revised form;
- OR
- (iii) It should be rejected.

The examiners shall state reasons for approval or rejection of the thesis. If the examiner recommends resubmission of the thesis, he shall specifically indicate what modification she wants that candidate to effect and incorporate in the thesis.

- (c) If in the first instance, all the examiners evaluating the thesis, as well as those conducting the viva-voce examination recommend the award of degree to the candidate, the degree shall be awarded.
- (d) If the majority of the examiners recommend rejection of the thesis, the thesis shall be rejected.

- (e) In case of divergence of opinion among the three examiners not covered under clause(s) above, the following procedure shall be followed:—
- (i) One of the evaluation reports of the external examiner in case of Ph.D. thesis is unsatisfactory and does not recommend viva-voce, the University shall send the thesis to another external examiner out of the approved panel of examiners and the viva-voce examination shall be held only if the report of the latest examiner is satisfactory. If the report of the latest examiner is also unsatisfactory, the thesis shall be rejected and the research scholar shall be declared ineligible for the award of the degree.
 - (ii) If two examiners have accepted the thesis, while the third has asked for its revision, the extracts of reports of the external examiners be referred to the supervisor of the candidate and his opinion be obtained whether he would like to get the thesis revised by the candidate or would recommend the appointment of a fourth examiner. Opinion of the fourth examiner shall be final.
 - (iii) If two examiners have accepted the thesis and the third has rejected it, the thesis shall be sent for evaluation to a fourth examiner, whose opinion shall be final.
 - (iv) If one of the three examiners has accepted the thesis another has rejected in, while the third has asked for its revision, the thesis shall be rejected. When the thesis is rejected under such circumstance, the candidate can get himself registered afresh on the same subject.
 - (v) If the candidate fails to satisfy the viva-voce examiners or if there is a divergence of opinion between the viva-voce examiners, the candidate may be allowed to appear at a second viva-voce examination on payment of the required fee, to be held not later than one year from the date of first viva-voce.
 - (vi) If at the second viva-voce examination, the candidate fails to satisfy the examiners his thesis shall be finally rejected. If the majority of the examiners recommend revision of the thesis, the thesis shall be revised.

12.0 If a candidate is permitted to improve and re-submit his thesis, he shall be required to submit it not earlier than six months and not later than one year from the date of such permission along with the prescribed fee. The thesis so re-submitted shall be sent to the same panel of examiners including the fourth examiner, if any, who evaluated the original one, for adjudication unless they or any one of them expresses inability to adjudicate. The President shall in such contingency appoint another external examiner or examiners, as the case may be, from the original panel. The thesis shall be accepted if at least three examiners recommend its acceptance.

12.1 A Candidate shall not be allowed to re-submit his thesis more than once.

12.2 A student whose thesis is rejected shall not be registered again for Ph.D. degree with same topic.

12.3 Viva voce:

- (a) The public viva-voce of the research scholar to defend the thesis shall be conducted only if the evaluation reports of the external examiners on the thesis are satisfactory and include a specific recommendation for conducting the viva-voce examination.
- (b) The reports of all examiners shall be placed before the President. If both of two external examiners recommend award of the degree, the student shall be examined through Vivavoce examination by one of the external examiner (to be nominated by the President) and the supervisor. If both examiners are unable or unwilling to conduct the Viva-voce examination another name will be picked up for the purpose by the President from the panel.
- (c) A Viva-Voce examination to be conducted by one of the external examiner and the supervisor, the date of which is to be fixed by the Controller of Examination. It shall be open to be attended by Members of the Departmental Research Advisory Committee, all faculty members of the Department, research scholars and other interested experts/ researchers, but they shall not be entitled to ask any question. However, if the Supervisor is unable to attend the viva-voce, it may be conducted by External Examiner.

12.4 The reports of all the examiners (including those of the viva-voce) shall be placed before the Research Degree Committee consisting of President, Pro President, Dean concerned. Such reports may be accepted by the Committee.

13.0 Treatment of Ph.D. through Distance Mode/ Part-time:

13.1 University shall not conduct Ph.D. Programmes through distance education mode.

13.2 Part-time Ph.D. will be allowed provided all the conditions stipulated in these regulations are fulfilled.

13.3 The university shall obtain a “No Objection Certificate” through the candidate for a part-time Ph.D. programme from the appropriate authority in the organization where the candidate is employed, clearly stating that:

- (a) The candidate is permitted to pursue studies on a part-time basis.
- (b) His/ her official duties permit him /her to devote sufficient time for research.
- (c) If required, he/ she will be relieved from the duty to complete the course work.

14.0 Grant of M. Phil. Degree,-

The University shall not offer the M.Phil. (Master of Philosophy) programme.

15.0 Admission of International Students in Ph.D. programme,-

15.1 Each supervisor can guide up to two international research scholars on a super numeracy basis over and above the permitted number of Ph.D. scholars.

15.2 The University may decide its own selection procedure for Ph.D. admission of International Students keeping in view the guidelines/norms in this regard issued by the Statutory/Regulatory bodies concerned from time to time.

16.0 Issuing of Provisional certificate,-

Prior to the actual award of Ph.D. degree, the degree- awarding University shall issue a provision certificate to the effect that the Ph.D. is being awarded in the accordance with the provision of University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations, 2022.

17.0 Award of Ph.D. degrees prior to Notification of these Regulations, or degrees awarded by foreign Universities:

Award of degrees to candidates registered for the Ph.D. programme on or after July 11, 2009, till the date of Notification of these Regulations shall be governed by the provisions of the UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or the UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degrees) Regulations, 2016 as the case may be. Further, the award of degrees to candidates already registered and pursuing Ph.D. shall be governed by these Regulations or UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2016. Nothing in these Regulations shall impact the M.Phil. degree programmes commencing prior to the enactment of these Regulations.

18.0 Depository with INFLIBNET:

On the successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree(s), the 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.

19.0 Publications of thesis

No Thesis shall be published without the prior permission of the University. The research scholar may apply to the Registrar for permission to publish his Thesis within two years from the date of award of the Ph.D. Degree.

20.0 With-drawl of degree

The Academic Council shall have the right to withdraw the degree as per the statute 30 of the University.

21.0 Fee

Fee to be paid by the candidate at the time of admission or annually or for extension or for evaluation etc., will be as laid down from time to time by the University.

22.0 Jurisdiction

Once registered, the student and his work shall be under the general disciplinary control of the Department. Any legal dispute relating to Ph.D. admission of students will be subject to Courts at Jhajjar or Courts having jurisdiction in Jhajjar.

Annexure-1 Candidate Declaration

I, hereby declare that the work presented
In this thesis titled.....
..... in fulfillment of the requirements for the award of Degree as per
Ph.D. (Doctor of Philosophy) Regulations, 2022*, submitted in the Faculty of
..... at Jagan Nath University, Bahadurgarh, Haryana, is an
authentic record of my own research work under the supervision of
..... I also declare that the work embodied in the
present thesis (i) is my original work and has not been copied from any Journal/thesis/ book, (ii) my thesis
has been checked on Plagiarism checking software and (iii) has not been submitted by me for any other
Degree/Diploma in any University.

(Signature of Candidate)

Countersigned

Registration No.....

(Signature of supervisor)

Name:

Designation:

Faculty:

Annexure-II Certificate of the Supervisor(s)

This is to certify that the thesis titled.....
.....submitted by.....
..... for the award of Degree of Doctor Philosophy in the Faculty of
..... of Jagan Nath University, Bahadurgarh, Haryana is a record of authentic
work carried out by him/her under my/our supervision. The matter embodied in this thesis is the original
work of the candidate and free from the plagiarism and has not been submitted for the award of any other
degree/diploma in any University. It is further certified that he has worked with me/us as per the
Ph.D. (Doctor of Philosophy) Regulations, 2022*.

(Signature of Co Supervisor)

Name:

Designation:

Faculty:

(Signature of Supervisor)

Name:

Designation:

Faculty: