# Master of Philosophy (M.Phil.) / Doctor of Philosophy (Ph.D.) Ordinance 2016

(Amended as per UGC regulation/notification dated May 5, 2016 and published in Gazette of India no. 278 dated July 5, 2016)



Jain Vishva Bharati Institute Ladnun-341306 (Rajasthan)

### 1. PREAMBLE

- 1.1. In order to regulate the minimum standards and procedures for award of M.Phil/Ph.D. degree in conformity with the University Grants Commission (Minimum Standards and Procedure for Award of Ph.D. Degree ) Regulations-2016, dated 05 May, 2016, the following ordinance is promulgated (amended after ordinance of 2015) to make provisions for Ph.D. admission in different departments of the Institute. This ordinance shall come into effect from 2017 onwards, in supersession of all the previous Ph.D. Ordinances or come into force from the date of approval by Academic Council.
- 1.2. The Institute would consider the admission for Ph.D. programmes in the subject of Jainology and Comparative Religion and Philosophy, Prachya Vidya Evam Bhasha, Yoga and Science of Living, Non Violence and Peace, Political Science, Social Work, English and Education or any other which would be established as per the Memorandum of Association of the Institute.
- 1.3. These Regulations may be called Jain Vishva Bharati Institute (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degrees) Regulations, 2016.
- 1.4. Those candidates who have been registered for Ph.D. before the promulgation of this Ordinance would be governed by the earlier Ordinance issued from time to time under which he/ she had been admitted.
- 1.5. The process of admission for Ph.D. programme would be held once in a year as per the notification of the Institute.

### 2. ELIGIBILITY

## 2.1. Eligibility criteria for admission to the M.Phil. Programme:

- 2.1.1. Candidates for admission to the M.Phil. programme shall have a Master's degree or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 50% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions. The concerned main/ allied discipline securing the minimum percentage of marks at Post Graduate level, as prescribed in Annexure—A.
- 2.1.2. A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled. Relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark.

## 2.2. Eligibility Criteria for Admission to Ph.D. programme:

Subject to the conditions stipulated in these Regulations, the following persons are eligible to seek admission to the Ph.D. programme:

2.2.1. Master's Degree holders satisfying the criteria stipulated under Clause 2.1 above.

- 2.2.2. Candidates who have cleared the M.Phil. course work with at least 55% marks and successfully completing the M.Phil. Degree shall be eligible to proceed to do research work leading to the Ph. D. Degree in the same Institution.
- 2.2.3. A person whose M.Phil. dissertation has been evaluated and the viva voce is pending may be admitted to the Ph.D. programme of the same Institution.

## 2.3.1 Eligibility Criteria for Admission to D.Litt. Programme

Ordinarily, only those applicants who have obtained Ph.D. Degree and having minimum 7 years research experience after Ph.D. with adequate publications in the form of books, research papers in referred journals and having submitted projects will be eligible for admission to D.Lit. Only in very exceptional cases, applicants having high scholarship and have done substantial work in writing, editing & research, can also be considered for eligibility. The quality of research and publications will be assessed by two external experts of field appointed by the Vice-Chancellor from the pannel provided by the HOD. After the unanimous clearance from these, two experts. The candidate will present his / her research work before duly constituted RAC of the Department in person for registration in D.Lit. The external experts appointed for assessment of research work shall not be members of RAC. RAC will send their recommendations to the Research Board for registration to D.Lit.

## 3. DURATION OF THE PROGRAMME

- 3.1. M.Phil. programme shall be for a duration of two (2) consecutive semesters / one year and a maximum of four (4) consecutive semesters / two years.
- 3.2. Ph.D. programme shall be for a minimum duration of three years, including course work and a maximum of six years.
- 3.3. The women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of one year for M.Phil and two years for Ph.D. in the maximum duration. In addition, the women candidates may be provided Maternity Leave / Child Care Leave once in the entire duration of M.Phil. / Ph.D. for up to 240 days.

### 4. CLASSIFICATION OF THE SCHOLAR

4.1. All the M.Phil./Ph.D. scholars admitted and registered would be full-time scholars as per institute rule.

### 5. APPLICATION FOR ADMISSION

- 5.1. The total no. of seats vacant and available under various eligible supervisors in the respective departments would be announced annually and the same would be advertised accordingly on the institute's website www.jvbi.ac.in/National/Regional News Paper.
- 5.2. The admission to the Ph. D. programme shall be either through the Research Entrance Test (RET) or through direct admission as per Clause 6 of these ordinances. The application form shall be the same for both these types of candidates. The candidates who are eligible for direct admission as per Clause 6.2.1 shall indicate in the form that they are exempted from RET.

5.3. The candidates shall submit the duly filled in application form to the Director, Research of institute on or before the last date announced by the Institute.

## 6. MODE OF ADMISSION

6.1. A candidate who has passed the examination in concerned main/ allied discipline securing the minimum percentage of marks as prescribed in **Annexure–A** with requisite percentage of marks as prescribed in Clause 2 of these ordinances is eligible for admission to the M.Phil/Ph. D. programme through one of the following modes:

## 6.1.1. Admission through RET:

- 6.1.1.1. A candidate qualified in RET as per the details given in Clause 07 shall be considered for admission to the Ph. D. programme depending on the number of seats available in a department.
- 6.1.1.2. The prospective number of seats available shall be notified at the time of admission announcement by Director, Research. The number of candidates to be called for admission will depend upon the number of seats available in the department.
- 6.1.1.3. The Controller of Examinations of the Institute shall conduct RET once in a year after the recommendation of Director Research.

#### 6.2.1. Direct Admission:

- 6.2.1.1. A candidate who is qualified in a national level test such as National Eligibility Test (NET-JRF), NET-LS (without fellowship), State Level Eligibility Test (SLET) accredited by UGC, Central or State Government.
- 6.2.1.2. A candidate who is a recipient of National Doctoral Fellowship or other fellowships from government/semi-government organizations (through All-India selection procedure conducted by the agency/organisation for award of research fellowships) such as Council of Scientific and Industrial Research (CSIR), University Grants Commission (UGC), All India Council for Technical Education (AICTE), Department of Science and Technology (DST), Defence Research and Development Organization (DRDO), Department of Atomic Energy (DAE), Department of Biotechnology (DBT), Indian Council of Agricultural Research (ICAR), Indian Council of Medical Research (ICMR), Ayurveda Yoga Unani Siddha Homeopathy (AYUSH) and similar National Level Organizations.
- 6.2.1.3. A foreign national who is a recipient of fellowship by Indian Council for Cultural Relations (ICCR), Government of India and who is sponsored by his/her government.
- 6.2.1.4. Those candidates who have cleared M. Phil. examination (as per U.G.C. Regulation, 2009) will be exempted from appearing in the RET.

## 7. RESEARCH ELIGIBILITY TEST (RET)

The admission shall be based on the criteria notified by the Institution, 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 the Central/State Government from time to time.

The process of admission of candidates will be in two stage:

An Entrance Test shall be qulifying with qualifying marks as 50%. The syllabus of the Entrance Test shall consist of 50% of research methodology and 50% shall be subject specific. The Entrance Test shall be conducted at the Centre(s) notified in advance.

Provided that a relaxation of 5% of marks (from 50% to 45%) shall be allowed for the candidates belonging to SC/ST/OBC(Non-Creamy layers)/Differently-abled category in the entrance examination conducted by the Universities.

An interview/viva-voce to be organized by the Institute as when the candidates are required to discuss their research interest/area through a presentation before a duly constituted Research Allocation Committee (RAC).

The admission to the Ph. D. programme shall be based on the merit of the candidates which shall be determined separately for the candidates seeking admission through RET and through direct admission.

- 7.1. For candidates seeking admission through RET as per Clause 6.1.1 the merit list shall be based on the total marks obtained by the candidates from the following components:
  - i. A written test of 3 hours duration (Only qualifying Exam, marks will not be calculated in final Merit)
  - ii. Academic Record as per clause 7.3.7,
  - iii. Personal Interview.
- 7.2. For the candidates seeking direct admission as per Clause 6.2.1 the merit list shall be based on the total marks obtained by the candidates from the following components:
  - i. Academic Record as per clause 7.3.7,
  - ii. Personal Interview.
- 7.3. Written Test and Interview:
  - 7.3.1 A candidate possessing the minimum qualifications with the requisite percentage of marks and academic record as prescribed in Clauses 2 of these ordinances shall be eligible to appear in the written test.
  - 7.3.2 The written test shall be conducted by the Controller of Examinations normally once in every academic year, the results of which shall be declared ordinarily with in a month.
  - 7.3.3 The Controller of Examinations/Director will issue a notification for Entrance Test for admission in Ph.D. programme through its website.
  - 7.3.4 There shall be Two paper (each will be one and half hours) containing objective type questions for RET to be assessed for 300 marks, which is as follows:
    - i. Research Methodology 150 Marks
    - ii. Concerned Subject 150 Marks
  - 7.3.5 The qualifying marks for clearing RET and Course Work are 50% and a relaxation of 5% shall be allowed to the candidates belonging to SC/ST/OBC (Non-creamy Layer)/Differentialy abled categories.
  - 7.3.6 The RET would be followed by a Personal Interview of those candidates who have qualified in RET.

7.3.7 Academic Record of each candidate shall be awarded marks for his/her academic record, which shall be calculated as:

i. Graduationii. Post-Graduationii. 25 Percent Marksiii. 45 Percent Marks

iii. Published Paper in referred Journals : 05 Marksiv. National/International seminar/conference : 05 Marksv. Personal Interview : 20 Marks

7.3.8 The personal interview shall be conducted by a committee consisting of the following members:

i. Director, Research - Chairman
 ii. Head of the concerned Department - Member
 iii. Supervisors of Concerned Department - Member

The interview/viva-voce to be organised where the candidate discuss their research interest/area through a presentation.

The interview/viva-voce shall also consider the following aspects, viz., whether:

- i. the candidate possesses the competence for the proposed research;
- ii. the research work can be suitably undertaken at the Institution;
- the proposed area of research can contribute to new/additional knowledge.

Provided that in areas/disciplines where there is no or only a limited number of reffered journals, the Vice-chancellor may relax the above condition for recognition of a person as Research Supervisor with reasons.

- 7.3.9 On the basis of the marks of "Personal Interview" along with marks of "Academic Record" the Merit List shall be prepared.
- 7.3.10 The Director, Research shall notify the merit list of the selected candidates on institute website.
- 7.3.11 After declaration of the merit list, each candidate shall pay the fees as prescribed in Clause 19 of the ordinance and complete other official formalities pertaining to admission within stipulated given time.
- 7.3.12 The records of the merit list of both the RET qualified candidates and those eligible for direct admission along with their application forms shall be maintained in the office of Director, Research.

## 8. ALLOCATION OF RESEARCH SUPERVISOR AND CO SUPERVISOR

- 8.1. Any full time Professor of the Institution with at least five research publications in refereed journals or having 5 years of PG teaching experience and any full time Associate/Assistant Professor of the institution with a Ph.D. degree and at least two research publications in refereed journals or having 5 years of PG teaching experience may be recognized as Research Supervisor.
- 8.2. Provided that in areas/disciplines where there is no or only a limited number of reffered journals, the Vice-chancellor may relax the above condition for recognition of a person as Research Supervisor with reasons.
- 8.3. Only a full time regular teacher of the concerned department can act as a supervisor. The external supervisors are not allowed. However, Co-Supervisor can

- be allowed in inter-disciplinary areas from other departments of the same institute or from other related institutions with the approval of the Research Advisory Committee.
- 8.4. The allocation of Research Supervisor for a selected research scholar shall be decided by the Department concerned depending on the number of scholars per Research Supervisor and available specialization among the supervisor and research interest of the scholar.
- 8.5. In case of topics which are of inter-disciplinary nature where the Research Advisory Committee (RAC) 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 /Institution on such terms and conditions as may be specified and agreed upon by the consenting Department/Institutions as per clause 8.2 of these ordinance.
- 8.6. A Research Supervisor/Co-supervisor who is a Professor, at any given point of time, cannot guide more than three (3)M.Phil. and Eight (8) Ph.D. scholars. An Associate Professor as Research Supervisor can guide up to a maximum of two (2) M.Phil. and six (6) Ph.D. scholars and an Assistant Professor as Research Supervisor can guide up to a maximum of one (1) M.Phil. and four (4) Ph.D. scholars.
- 8.7. In case a co-supervisor is also appointed, the candidate shall be counted towards the quota of both the supervisor and the co-supervisor.
- 8.8. All research scholars shall be counted within this quota till they submit their theses.
- 9. In case of relocation of an M.Phil/Ph.D. woman scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the University to which the scholar intends to relocate provided all the other conditions in these regulations are followed in letter and spirit and the research work does not pertain to the project secured by the parent institution/ supervisor from any funding agency. The scholar will however give due credit to the parent guide and the institution for the part of research already done.

## 10. Appointment of A New Supervisor or Change of Supervisor:

- 10.1. If the supervisor of a candidate expires or is terminated from the Institute service, he/she shall cease to be the supervisor.
- 10.2. If the supervisor of a candidate is under suspension, he/she shall cease to be the supervisor during the entire period of his/her suspension.
- 10.3. If the supervisor of a candidate proceeds on leave for a period of more than 12 months, or he/she proceeds on leave for a period of less than 12 months, but later extends his/her leave beyond 12 months, then, he/she shall cease to be the supervisor. However, if the candidate submits the abstract of the thesis or the thesis itself before the supervisor proceeds on leave, then the existing supervisor shall continue to be the supervisor.

#### 11. Course Work

11.1. A candidate, admitted to the Ph. D. programme in any of the department, shall be required to undertake course work for a minimum period of one semester

- and shall have to secure 55% marks to qualify in the course work in order to be eligible to continue in the programme and submit the dissertation/thesis.
- 11.2. The course work shall include a course on research methodology which may contain quantitative methods, research ethics and review of published research in the relevant field, training, field work, and computer applications etc. and one other courses shall be advanced level courses preparing the students for M.Phil./Ph.D. degree.
- 11.3. The course work shall consist of two papers (i) Research Methodology and Computer Applications (ii) Advanced Course of concerned subject.
- 11.4. All candidates admitted to the M.Phil. and Ph.D. programmes shall be required to complete the course work prescribed by the Department during the initial one or two semesters.
- 11.5. The course work shall be treated as prerequisite for M.Phil./Ph.D. preparation. A minimum of four credits shall be assigned to one Course.
- 11.6. M.Phil./Ph. D course work shall be a minimum of 08 credits and a maximum of 16 credits.
- 11.7. The overall minimum credit requirement, including credit for the course work, for the award of M.Phil. degree shall not be less than 24 credits.
- 11.8. The courses offered for the M.Phil./Ph. D. programme may be lecture, laboratory and self-study courses, mini projects and seminars. Each of these courses shall be of post-graduate or doctoral level.
- 11.9. After completing the course work, the candidate shall appear in a comprehensive examination which will be conducted by Controller of Examinations.
- 11.10. Each course shall be of 100 marks; 30 marks for assignments and other academic work like project work/review of literature etc. that is to be internally assessed by concerned department; and 70 marks for semester-end examinations.
- 11.11. Ph.D. scholar has to obtain a minimum of 55% of marks or its equivalent in the course work in order to be eligible to continue in the programme leading to the completion of Ph.D. thesis. A Marksheet/ Grade-Card would be provided by the Institute.
- 11.12. The Head of Department would be responsible for preparing the time-table for concern subject content for the course work, teaching and assessment schedule (examination), continuous evaluation, internal assessment and shall conduct the same under the overall supervision of Director, Research.
- 11.13. If a candidate fails to qualify the course work examination in first attempt, he/ she will be given only one additional attempt (last) to clear the course work examination along with the next regular batch to qualify this examination after paying due fees. However, in all such cases where the candidate has failed to pass the Course-work examination in first attempt, he/ she would not be given the benefit of the duration of the course work for the minimum residency period/ studentship period in continuity. In all such cases, the residency period of only one semester (6 months) shall be reckoned for successful completion of the course-work.
- 11.14. Candidates already holding M. Phil. degree and admitted to the Ph.D. programme, or those who have already completed the course work in M.Phil. and have been permitted to proceed to the Ph.D. in integrated course, may be exempted by the Department/Institute from the Ph.D. course work. All other

- candidates admitted to the Ph.D. programme shall be required to complete the Ph.D. course work prescribed by the Department/Institute.
- 11.15. In case of Monks and Nuns the course work examination will be conducted at their place.

#### 12. RESEARCH COMMITTEES

- 12.1. Subject to the general superintendence of the Academic Council, the following Committees shall deal with all matters connected with the Ph.D. programme of the Institute in accordance with these ordinances:
  - 1. The Research Board of the Institute (RB)
  - 2. Research Advisory Committee (RAC)
  - 12.1.1. There shall be a the Research Board of the Institute (RB) consisting of the following:

i. Vice Chancellor - Chairman
 ii. Heads of the Departments - Members
 iii. Concerned Supervisors (if matter of the their students in RB) - Members
 iv. Any special Invitees - Members
 v. Director Research - Secretary

- 12.1.1.1. Functions of RB shall be the following:
  - 1. Research matter will be reported, discussed and approved by the board
  - 2. Make appropriate recommendations to academic council.
  - 3. To ensure the implementations of rules and regulations of the JVBI ordinance.
  - 4. Supervision of overall research activity of the institute
- 12.1.2. There shall be a Research Advisory Committee (RAC), for each M.Phil. and Ph.D. scholar consisting of the following:

i. Concerned Head of Department
 ii. Co-supervisor
 iii. One Nominee of RB
 iv. One Expert from outside of the department
 iii. One Member

v. Concerned Supervisor - Convener

- 12.1.2.1. Experts mentioned in Clauses 12.1.3 (IV) above shall be nominated by the concerned Head of Department and approved by the Vice Chancellor.
- 12.1.2.2. Functions of RAC shall be the followings:
  - 1. To review the research proposal and finalize the topic of research;
  - 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.
  - 3. To periodically review and assist in the progress of the research work of the research scholar.
  - 4. To make recommendations for co–supervisor with specific reason.

- 5. To approve and recommend the synopsis of Ph.D. Scholars for registration.
- 6. To recommend for registration to Research Section.
- 7. To identify and propose innovative research with contemporary scenario for research.
- 12.1.2.2.1. A research scholar shall appear before the Research Advisory Committee once in six months to make a presentation of the progress of his/her work for evaluation and further guidance. The six monthly progress reports shall be submitted by the Research Advisory Committee to the Institution/College with a copy to the research scholar.
- 12.1.2.2.2. In case the progress of the research scholar is unsatisfactory, the 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 Research Advisory Committee may recommend to the RB with specific reasons for cancellation of the registration of the research scholar.
- 12.1.3. The RAC shall not make any recommendation that is not in conformity with these ordinances and/or such other directives as may be issued by the RB and/or the Academic Council in regard to the M.Phil./Ph.D. programme from time to time.

## 13. REGISTRATION

- 13.1. On successful completion of the course work the candidate shall submit his/her application along with the approved synopsis by department R.A.C. as per the format given as <a href="Annexure-B">Annexure-B</a> through proper channel to research section for the evaluation by the external expert. However the synopsis shall be submitted within six months after declaration of Course Work result, failing which the admission shall automatically stand cancelled. In this case the matter will not be accepted by any committee of ordinance.
- 13.2. An external expert will then examine the synopsis after review, the synopsis may be either accepted in full or accepted with certain modification or summarily rejected. In case of rejection of synopsis expert will give specific reasons/comments for rejection.
- 13.3. The candidate and his Supervisor along with concerned head have to ensure that all suggestions made by the Expert have been incorporated in final synopsis before presenting in RAC.
- 13.4. In case, the RAC finds that the synopsis is not up to the mark as suggestions given by expert, it shall make specific suggestions for improving the synopsis. The candidate, after making the necessary improvements shall re-submit his/ her synopsis for approval. The revised synopsis is to be submitted within a week from the date of the RAC meeting. The Head/Chairman of the RAC of the Department have to ensure that all the suggestions made by the RAC have been incorporated in the final synopsis.

- 13.5. In case of rejection of the synopsis, RAC may examine reasons/comments for the rejection and can recommend to re-submit a fresh synopsis after six month of duration.
- 13.6. If the candidate fails to submit the synopsis at the end of time given or the research plan proposal and/or the research plan proposal seminar, the candidate's admission shall stand cancelled.
- 13.7. All proposals approved by the RAC of various departments shall be forwarded to the Director, Research with in one week who shall place the same before the Research Board for final approval for registration as a Ph.D. scholar of the Institute. The candidate would be required to submit the fee for Ph.D. work as clause 19 of these ordinance.
- 13.8. The date of registration of the candidate will be effective from the date of admission.

## 14. PERFORMANCE EVALUATION

- 14.1. The RB and RAC shall monitor the research progress of each candidate. For this purpose, the candidate shall submit a progress report on a prescribed proforma as <u>Annexure-G</u>, at the end of each semester to the RAC through his/her supervisor and co-supervisor, if any.
- 14.2. The candidate shall present the progress of his/her research work through a seminar and the RAC shall evaluate the progress made by the candidate and submit its recommendations to the concerned Department.
- 14.3. The Head of Department shall forward the progress report with specific recommendations to the Director, Research.
- 14.4. Progress of a candidate in any semester shall be deemed to be unsatisfactory if the candidate is absent for a period more than that specified in Clause 15 of the ordinance.

## 15. LEAVE AND ATTENDANCE

- 15.1. A Ph. D. scholar shall be eligible to avail of a leave of 15 days in an academic year in addition to the public holidays observed by the Institute in a calendar year. He/she shall be entitled for mid-term and summer vacations. However, he/she is entitled for an additional leave of up to 10 days on medical grounds in an academic year.
- 15.2. The scholar is entitled, on the recommendation of the research guide, study leave up to a maximum of 30 days for academic session for attending seminars, conferences, workshops or presenting paper etc. No allowances would be paid by the Institute for such travel.
- 15.3. The women candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of M.Phil/Ph.D. for up to 240 days.
- 15.4. On completion of the study leave the Scholar will have to submit a certificate of attendance/participation to this effect.
- 15.5. In case of empirical research or community/field level studies or to consult libraries the leaves of absence from headquarter would be treated as on duty.
- 15.6. The leave shall be granted by the Head of the Department on the recommendation of the supervisor/co-supervisor.

15.7. A candidate is required to sign on all working days in an attendance register to be kept in the concerned Department except when he/she is on duty/sanctioned leave as per the Clause 15.1, 15.2, 15.3 of the ordinance.

#### **16. SUBMISSION OF THESIS**

- 16.1. Upon satisfactory completion of the research work for the Ph.D., candidate shall produce a draft dissertation/thesis within time as stipulated under clause 3 of these ordinance.
- 16.2. Prior to the submission of the dissertation/thesis, the scholar shall make a presentation before the Research Advisory Committee of the department concerned which shall also be open to all faculty members and other research scholars. The feedback and comments obtained from them may be suitably incorporated into the draft dissertation/thesis in consultation with the Research Advisory Committee.
- 16.3. If the RAC is satisfied with the pre-submission seminar of the candidate, the Head of the department shall forward the application of the candidate through supervisor for submission of the thesis along with a certificate about the satisfactory completion of the pre-submission seminar. The scheme of colour will be as **Annexure-J**.
- 16.4. The candidate is required to submit the thesis within three months from the date of his/her pre-submission seminar (without exceeding the maximum time limit for the submission of the thesis as laid down in Clause 3 ), failing which he/she shall be required to deliver a fresh pre submission seminar.
- 16.5. M.Phil. scholars shall present at least one (1) research paper in a conference/seminar and Ph.D. scholars must publish at least two (2) research paper in refereed journal and make two paper presentations in conferences/seminars before the submission of the dissertation/thesis for adjudication, and produce evidence for the same in the form of presentation certificates and/or reprints.
- 16.6. The Academic Council (or its equivalent body) of the Institution shall evolve a mechanism using well developed software and gadgets to detect plagiarism and other forms of academic dishonesty. While submitting for evaluation, the dissertation/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 there is no plagiarism 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.
- 16.7. The candidate shall submit the thesis to the Director Research, duly forwarded by the supervisor and Head of the Department. While submitting the thesis, the candidate shall submit the following:
  - 1. Four hard copies and two soft copies (in a CD in PDF format) of the abstract of the thesis written in about 6000 words describing the salient features of his/her investigation.
  - 2. Four hard copies and two soft copies (in a CD in PDF format) of the thesis in Hindi (Kurti Deve 010) or English (Times New Roman) or any other language approved by the concerned DRC as per the format given in **Annexure–D**.
  - 3. A declaration by the candidate and Supervisor/Co-supervisor as per the format given in **Annexure–C1 & C2**.

- 4. A pre-submission seminar completion certificate, wherever applicable, by the Head of the Department as per the format given in **Annexure–K**.
- 16.8. The candidate shall also submit one copy each of the thesis and the abstract to the supervisor, co-supervisor, as the case may be.
- 16.9. The candidate may submit the copies of the abstract one month before the submission of the thesis in order to expedite the process of evaluation.

### **17. EVALUATION OF THE THESIS**

- 17.1. The Ph.D. thesis submitted by a research scholar shall be evaluated by three external examiners, who are not in employment of the Institution. The *viva-voce* examination shall be conducted by one of the three examiners, based among other things, on the critiques given in the evaluation reports, and shall be open to be attended by Members of the Research Advisory Committee, all faculty members of the Department, Institute research scholars and other interested experts/researchers.
- 17.2. The Head of Department and concerned supervisor shall recommend a panel of examiners of at least six experts in the area of the Ph. D. thesis separately.
- 17.3. In case the supervisor happens to be the concerned Head of the Department a panel consisting of 10 experts must be provided. The expert must be at least Associate Professor.
- 17.4. In the case of a research scholar who has done any part of his/her work in another institution, the panel of examiners shall not include any person working in that institution.
- 17.5. Complete and current addresses of all the examiners with their e-mail addresses, telephone and FAX numbers shall be provided by Head of Department / Supervisor.
- 17.6. On receipt of the panel of the examiners, the Vice-Chancellor will appoint the Board of Examiners from the panel. The Board of Examiners shall consist of three members, one or all from outside the state.
- 17.7. The Vice Chancellor's office shall get in touch with each examiner with a copy of the abstract to secure acceptance of the examinership. For this purpose, if e-mail address of the examiner is available, he/she shall be contacted through e-mail to get his/her consent at the earliest. If however, no information is received from an examiner within four week period from first communication to the examiner, his/her appointment shall be cancelled and a new examiner shall be appointed from the existing panel of examiners in accordance with the Clauses 17.6 of 17 of these ordinances.
- 17.8. On receipt of the acceptance from any examiner, the Vice Chancellor's office shall forward the copy of the thesis to him/her and take necessary action to get the report of the examiner expeditiously.
- 17.9. The examiners shall be requested to submit their individual reports within one months of the receipt of the thesis.
- 17.10. In case, an examiner does not send his/her report within the above period, a reminder shall be sent to him/her. This shall be followed by a subsequent reminder after a fortnight.
- 17.11. In the event of the report not being received from the examiner within 10 weeks, his/her examinership shall be cancelled and a new examiner shall be appointed,

- from the existing panel of examiners, as per the Clauses 17.6 of 17 of these ordinances.
- 17.12. The examiners shall examine the thesis specifically with a view to judge whether the thesis is a piece of research work characterized by:
  - i. discovery of new facts, or
  - ii. a fresh approach towards interpretation of facts or theories, or
  - iii. a distinct advancement in the subject.
- 17.13. The examiner shall be required to give his/her opinion about candidate's ability for critical examination and sound judgment.
- 17.14. The examiners shall submit the report on a prescribed form as given in **Annexure–E**, and shall make one of the following recommendations:
  - i. The thesis be accepted for the award of the Ph. D. degree.
  - ii. The thesis be accepted for the award of the Ph. D. degree subject to the candidate giving satisfactory answers, at the time of Viva-Voce, to the specific queries raised in the report.
  - iii. The thesis, in the present form, cannot be accepted for the award of the Ph. D. degree, and the candidate be advised to revise the thesis on certain issues raised in the report and resubmit the thesis. In the case of resubmission, the examiner shall specifically mention whether the thesis must be referred back to him/her for re-evaluation or not.
  - iv. The thesis be rejected.
- 17.15. If all the examiners recommend acceptance of the thesis for the award of the Ph. D. degree, the thesis shall be accepted.
- 17.16. If minimum two examiners recommend rejection of the thesis for the award of the Ph. D. degree, the thesis shall be rejected.
- 17.17. If the examiner(s) raise some queries/seek clarifications, the candidate shall be required to give satisfactory answers to the queries at the time of Viva-Voce.
- 17.18. If one/two or all the examiners recommend revision of the thesis, the candidate shall resubmit the thesis after revision. If a specific examiner asks for the revised thesis to be referred back to him/her, it shall be sent to him/her. Otherwise the revised thesis shall be assessed by the RAC for satisfactory compliance of the desired revision.
- 17.19. If the revised thesis is to be referred back to an examiner, the examiner shall submit his/her report on a prescribed form as given in <a href="Annexure-F">Annexure-F</a>. The examiner shall recommend the revised thesis to be either accepted or rejected. Then depending on the recommendation of the other examiner, an appropriate action shall be taken as per Clauses 17.16, 17.17, 17.18 and 17.20 of 17 of these ordinances.
- 17.20. If one examiner recommend rejection and other two examiners recommend acceptance then a fourth examiner shall be appointed as per Clause 17.6 from the panel of already approved examiners. In such cases, Clause 17.22 of 17 of these ordinances shall apply.
- 17.21. The fourth examiner, if appointed, depending on whether the thesis was rejected by an examiner in the first instance. Once the fourth examiner is appointed, any previous recommendations of the examiner, in whose place the third examiner has been appointed, shall become null and void for all purposes.

- 17.22. In case the fourth examiner recommends acceptance or revision of the thesis or asks for clarifications, then depending on the recommendation of the other examiner (who has not rejected the thesis) an action appropriate to the case mentioned in Clauses 17.18 or 17.19 of 17 of these ordinances shall be taken.
- 17.23. In case the fourth examiner recommends the rejection of the thesis, his/her recommendation shall be final and the thesis shall be rejected.
- 17.24. In the case of any ambiguous recommendations by any examiner, the Vice Chancellor's office shall approach the examiner concerned for a clear recommendation. If a clear recommendation is not forth coming the matter shall be referred to the Vice-Chancellor for his/her decision.
- 17.25. If the thesis has been accepted for the award of the degree, the candidate shall be required to defend his/her thesis in a open Viva-Voce. The date, time and venue of the Viva-Voce with other necessary details shall be adequately notified so as to enable faculty members and students of department to attend it.
- 17.26. The Vice Chancellor' office shall arrange for the Viva-Voce of the candidate as early as possible and normally within one month from the date of receipt of Report.
- 17.27. The open viva-voce of the research scholar to defend the dissertation/thesis shall be conducted only if the evaluation report(s) of the external examiner(s) on the dissertation/thesis is/are satisfactory and include a specific recommendation for conducting the *viva-voce* examination. If the evaluation report of the external examiner in case of M.Phil. dissertation, or one of the evaluation reports of the external examiner in case of Ph.D. thesis, is unsatisfactory, the Institution shall send the dissertation/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 dissertation/ thesis shall be rejected and the research scholar shall be declared ineligible for the award of the degree.
- 17.28. The Open Viva Voce shall be taken by external examiner who has evaluated the thesis however viva voce will be open for all interested faculty members, research scholars and students of the institute.
- 17.29. The external examiner shall submit a comprehensive report on the performance of the candidate at the Viva-Voce, including the discussions over various points raised. The external examiner shall recommend one of the following:
  - i. that the degree be awarded
  - ii. that the candidate be re-examined in a second Viva-Voce,
  - iii. that the degree be not awarded and the thesis be rejected.
- 17.30. If the external examiner recommends that the degree be awarded after specific modifications or corrections, the candidate shall submit two hardbound copies of the thesis incorporating corrections, if any, (along with 2 corresponding soft copy versions of the thesis in CDs), one for keeping in the Central library of the Institute and the other for the departmental library. The spare copies of the thesis may be returned to the candidate.
- 17.31. If the external examiner recommends for a second Viva-Voce, it shall be conducted normally after a period of one month but within three months from the date of the first Viva-Voce.

- 17.32. In case of rejection of thesis, the Vice-Chancellor shall have the power to constitute an independent three-member review panel to investigate the cause of rejection of thesis. The review panel shall examine the research work and the examiners' report thereon to submit their findings to the Vice Chancellor for future improvements. It may also examine the matter to suggest as to whether the research scholar can further work on the same topic to rebuild his/her initial work and the correct course of action for achieving that and time frame needed for resubmission of his/her thesis without exceeding the total time period prescribed for submission of thesis in these Ordinances.
- 17.33. Date of result will be effective from the date of Viva-voce.
- 17.34. The Institute is to be informed when the research work is published and two copies of such publication should be made available to the Institute by the Scholar.
- 17.35. The M.Phil. dissertation submitted by a research scholar shall be evaluated by two external examiners who are not in the employment of the Institution/College and the marks will be calculated as an average marks of both external examiner. The *viva-voce* examination shall be conducted by one examiner based on the critiques given in the evaluation report, and shall be open to be attended by Members of the Research Advisory Committee, all faculty members of the Department, other research scholars and other interested experts/ researchers.

### 18. DEPOSITORY WITH INFLIBNET

- 18.1. Following the successful completion of the evaluation process and before the announcement of the award of the M.Phil./Ph.D. degree(s), the Institution concerned shall submit an electronic copy of the M.Phil. dissertation /Ph.D. thesis to the INFLIBNET, for hosting the same so as to make it accessible to all Institutions/Colleges.
- 18.2. Prior to the actual award of the degree, the degree-awarding Institution shall issue a provisional Certificate to the effect that the Degree has been awarded in accordance with the provisions of these UGC Regulations, 2016.

## 19. FELLOWSHIP

- 19.1. Only a select number of scholars will get a monthly fellowship of Rs. 4000/- and SLET/NET holder will be granted fellowship of Rs. 5000/- only for two years.
- 19.2. Fellowship will be provided to eligible candidates on successful completion of the course work and registration.
- 19.3. Fellowship will be payable on the satisfactory recommendation of RAC and duly forwarded by the Head of Department concerned to Finance officer through Director Research.
- 19.4. The research scholar receiving fellowship cannot accept full-time employment or any part-time employment during the official working hours of the Institute.
- 19.5. In the event of leaving his research work midway or on finding any information submitted untrue or factually incorrect, the fellowship will be stopped and the amount paid so far will have to be refunded to the Institute by the scholar. For it a bond should be submitted by the research scholar.

## **20. FEES PAYABLE**

- 20.1. Fees payable by a candidate admitted to the Ph. D. programme shall be as prescribed by the Institute from time to time. The present fee structure for all categories of the candidates is given in **Annexure–H**.
- 20.2. Full fee, as applicable, shall be payable by the Ph. D. scholars for all the periods for which extension is granted.
- 20.3. The Institute employees and the teachers of the Institute, who have been admitted as research scholars shall pay the fees as per official orders whichever issued time to time.
- 20.4. Fees once paid to the Institute shall not be refunded except the caution money, which shall be refunded to the Ph. D. scholar within one year from the date of award of the Ph. D. degree or cancellation of admission on any ground, subject to the adjustment of any dues payable by him/her. However, if the candidate leaves the Ph. D. programme or is terminated from the programme within one year of his/her admission, the caution money shall not be refunded.

### 21. UNFAIR MEANS AND PLAGIARISM

- 21.1. In case a Ph. D. candidate is found adopting or suspected of adopting unfair means or lifting of other's work and inserting it in his/her work without proper acknowledgement, credit and reference, such penal action shall be taken by the Institute as may be necessary to uphold the sanctity and the integrity of the research work, and the credibility of the Institute.
- 21.2. The Institute Standing Committee appointed by the Academic Council for this purpose shall take *suo-moto* cognizance of all such cases. Such cases may also be reported by any person to the Standing Committee or the Head of the Department/Director Research who will forward the matter to the Standing Committee for its consideration and recommendation.

## 22. CANCELLATION OF ADMISSION

The admission of a Ph. D. candidate shall be cancelled by the RB on the recommendation of RAC in any one of the following eventualities:

- 22.1. If two consecutive progress reports are not submitted by candidate are the report of the candidate are unsatisfactory or not submitted by the scholar in stipulated time.
- 22.2. If the candidate is absent for a continuous period of four weeks without prior information/sanction of leave.
- 22.3. If the candidate fails to renew his/her registration in any semester subject to the provisions contained in these ordinances.
- 22.4. If the candidate's research plan proposal/research plan proposal seminar is/are not approved even after the submission of revised proposal/revised seminar.
- 22.5. If the candidate fails to submit the thesis within the maximum stipulated time as provided in these ordinances.
- 22.6. If the candidate resigns from the Ph. D. programme and the resignation is duly recommended by the Supervisor.
- 22.7. If the candidate is found involved in an act of misconduct and/or indiscipline and his/her termination has been recommended by the competent authority.

### 23. CONCLUSION

- 23.1. Notwithstanding anything contained in these Ordinances all categories of the candidates shall be governed by the rules and procedures framed by the Academic Council, and are in force at that point of time.
- 23.2. From the date when these Ordinances come into operation all previous Ordinances on the subject shall cease to have effect. Provided that this revocation shall not affect the previous Ordinances so revoked or anything done or suffered under any previous Ordinances so revoked or affect any right, privilege, obligation or liability acquired, arrived or incurred under any Ordinances so revoked.
- 23.3. Any doubt or dispute about the interpretation of these Ordinances shall be referred to the Vice-Chancellor, whose decision, in his capacity as the Chairman, Academic Council, shall be final.
- 23.4. The Vice-Chancellor has been authorized to, (a) modify, amend and/or delete any of the clauses given in the Ordinances or add any clause(s) to these Ordinances, which shall be reported to the Academic Council at its next meeting for approval. (b) order a special procedure for the evaluation of a Ph. D. thesis to protect the work of classified nature involving national security and sovereignty and/or to protect the intellectual property rights of the candidate, the supervisor and the Institute.
- 23.5. Any legal matter is subjected to Ladnun Jurisdictions.

# THE DETAILS OF QUALIFYING EXAMINATIONS AND THE REQUISITE MINIMUM PERCENTAGE OF MARKS FOR ADMISSION TO THE M.Phil./Ph.D. PROGRAMME IN VARIOUS DEPARTMENTS

Any degree mentioned under the qualifying examination for each department in the following pertains to the degree awarded by this Institute or any other University established by law for the time being in force or any other degree recognized as equivalent thereto in that subject.

## 1. Qualifying Examination:

- i. Master's degree in the concerned subject OR
- ii. Master's degree in any one of the allied subjects pertaining to the department as per the list given below:

S.No.	Department	Main Subject	Allied Subjects
I.	Department of Jainology and Comparative Religion & Philosophy	<ol> <li>Jainology and Comparative Religion &amp; Philosophy</li> <li>Philosphy</li> </ol>	Jainology/Jain Darshanacharya, Philosophy-Indian/Weston, Religion, Comparative Religions, Sanskrit, Prakrit, History, Geography, Public Administration, Art and Culture, Non-Violence and Peace, Yoga and Science of Living, Economics, Biology and Mathematics, Hindi, Rajasthani
II.	Department of Prakrit and Sanskrit	<ol> <li>Prakrti</li> <li>Sanskrit</li> </ol>	Sanskrit: Veda, Vyakaran, Sahitya, Darshan, Dharmshastra, Prakrit and Jain Vidiya. Prakrit: Jain Vidya, Jain Darshan, Sanskrit and Pali, Apbhransh, Rajasthani.
III.	Department of Nonviolence and Peace	<ol> <li>Nonviolence and Peace</li> <li>Political Science</li> </ol>	Philosophy, Gandhian Studies, Value Education, Sociology, Economics, Social Work, Education, Human Rights, Conflict Resolution, Environmental Studies and Management Studies, Hindi, Public Administration, History, Peace Education.
IV.	Department of Yoga and Science of Living	Yoga and Science of Living	Philosophy, Psychology, Zoology, Physiology, Microbiology, Biotechnology and Medicine, Sociology, Sanskrit, Education, Physical Education.
V.	Department of Social Work	Social Work	Human Rights, Gender Studies, Rural Development and PRI, Sociology, Personnel Management, Human Resource Management
VI.	Department of English	English	Nil
VII.	Department of Education	Education	Nil

## 2. Qualifying Marks:

At least 55% in the aggregate or equivalent grade point average in the qualifying examination.

## Format for Outline of Proposed Research Work

1.	Cover Page (As Annexure–II)
2.	Name of Scholar
	(In English)
	(In Hindi)
3.	Title of the Research Work :
	(In English)
	(In Hindi)
4.	Introduction, Importance of Proposed Investigation, Objectives
5.	Review of Literature (Work already done on the subject of proposed Research/Study)
6.	Research Gaps identified in the proposed field of investigation. (Based on the review)
7.	Major Hypothesis, if any
8.	Research methodology
9.	Chapterization
10.	List of references cited
Signa	ature of the Candidate with date
	Outline Approved / Not approved by RAC
Nam	e and Signature of supervisor with date & seal.
Signa	ature of the Head of the Department
Signa	ature of Director, Research

(see Clause 16.7 (3))

(Name of the candidate)

## **CANDIDATE'S DECLARATION**

I, certify that the work embodied in this Ph. D. thesis is my
own bonafide work carried out under the supervision of and the
co-supervision of (if any) to at
Jain Vishva Bharati Institute. The matter embodied in this Ph. D. thesis has not been
submitted for the award of any other degree/diploma.
I declare that I have faithfully acknowledged, given credit to and referred to the
research workers wherever their works have been cited in the text and the body of the
thesis. I further certify that I have not willfully lifted up some other's work, para, text, data,
results, etc. reported in the journals, books, magazines, reports, dissertations, thesis, etc.,
or available at web-sites and included them in this Ph. D. thesis and cited as my own work.
Date: (Signature of the candidate)

Place: Ladnun

## **Certificate from the Supervisor/Co-supervisor**

This is to certify that the thesis/dissertation entitled
is a bonafide record of independent research work done by
(Reg. No.:) under
my supervision and submitted to Jain Vishva Bharati Institute in partial fulfillment for the
award of the Degree of DOCTOR OF PHILOSOPHY IN
the dissertation/thesis represents the original research work of the candidate to the best of
my knowledge.
(Signature of the Supervisor/Co Supervisor(if any) with seal)
(Signature of the HOD with seal)

## FORMAT OF THE Ph.D. THESIS

The following format may be normally adopted for the Ph.D. thesis:

- 1. Cover page (As Annexure-II)
- 2. Inner cover page
- 3. Undertaking from the candidate
- 4. Self-declaration certificate from the candidate and Certificate from the Supervisor/Co-Supervisor/Head of the Department (Annexure—C1 & C2)
- 5. Certificate for the successful completion of the pre-submission seminar (Annexure–D)
- 6. Acknowledgments
- 7. Contents
- 8. List of symbols, figures and tables, if any
- 9. Preface of the thesis
- 10. Introduction
- 11. Literature review
- 12. Chapters covering the work of the candidate
- 13. Conclusion
- 14. References
- 15. Appendices
- 16. List of papers communicated/accepted/published/presented.
- 17. Copies of acknowledgment/acceptance letter in case the papers are communicated/ accepted.
- 18. Copies of manuscripts/reprints of the papers communicated/accepted/published.
- 19. A personal profile not exceeding one page with photograph of the candidate.

(see Clause 17.14)

## **FORMAT OF EXAMINER'S REPORT**

# Jain Vishva Bharati Institute Ladnun-341306 Recommendation on Ph.D. Thesis

of the Candidate:
of the Candidate

Title of the Thesis	of the T	hesis:
---------------------	----------	--------

Please give your specific recommendation by	Yes or No any one of the following, wi	th signature
underneath and enclose your detailed repo	rt on separate sheet(s) with your signa	ature, name
and address.		
The thesis be accepted for the award of the I	Ph. D. degree	Yes/No
·	OR	
The thesis is acceptable for the award of the	Ph. D. degree subject to	Yes/No
the clarification of certain points at the time	of Viva-Voce.	
(Please enclose the points)		
. ,	OR	
The thesis is not acceptable in the present for	orm but may be accepted	Yes/No
subject to modification/clarification/revision	n.	
(Please enclose your suggestions for modification	ation etc. desired)	
After modification the <b>thesis need not be ref</b>		
	OR	
The thesis is not acceptable in the present for	orm but may be accepted	Yes/No
subject to modification/clarification/revision		•
(Please enclose your suggestions for modifications)		
After modification the <b>thesis should be refer</b>	•	
	OR	
The thesis <b>be rejected.</b> (Please enclose your o	comments).	Yes/No
Place	Signature of the Examiner	
Date	Name and Address of the Examiner	
Dute	wante and Address of the Examiner	

Encl: (a) Detailed report on separate sheet(s),

(b) List of points for clarification.

## FORMAT OF EXAMINER'S REPORT ON REVISED THESIS

# Jain Vishva Bharati Institute Ladnun- 341306 Recommendation on Revised Ph.D. Thesis

Name of the Candidate:		
Title of the Thesis		
Please give your <b>specific recommendation</b> b	y ticking ( $ extsf{v}$ ) any one of the following, wi	th
signature underneath and enclose your deta	iled report on separate sheet(s) with you	r
signature, name and address.		
The thesis <b>be accepted</b> for the award of the	Ph. D. degree	Yes/No
OR		
The thesis <b>be rejected.</b> (Please enclose your	comments).	Yes/No
Place	Signature of the Examiner	
Date	Name and Address of the Examiner	
Encl: Detailed report on separate sheet(s).		

(see Clause 14.1)

## HALF-YEARLY PROGRESS REPORT OF THE Ph.D. WORK

- 1. The progress report (in about 300 words) about the work carried out during the period shall be submitted by the candidate in duplicate duly signed by the candidate and countersigned by the Supervisor.
- 2. The Supervisor shall make the requisite entries, sign, and then send it through proper channel to the Director, Research, JVB Institute, Ladnun.
- 3. The report should be submitted in the following format:
  - 1. Particulars about the Candidate:
    - (a) Name:
    - (b) Designation (if applicable)
    - (c) Period of the Report:
  - 2. Registration letter No. and Date:
  - 3. Ph.D. Registration Title:
- 4. Particulars of the Supervisor(s)s
  - (i) Supervisor
    - (a) Name:
    - (b) Designation:
  - (ii) Co-Supervisor (if any)
    - (a) Name:
    - (b) Designation:
    - (c) Institution where employed:
- 5. Name of the Department/Institution where research is being conducted:
- 6. Area of work and title of proposed thesis:
- 7. Details of progress
  - a) Literature surveyed in the relevant period of progress report evidence by journals/research papers and web address consulted:
  - (b) The gap identified related to the work undertaken:
  - (c) Data collected:
  - (d) Data Analysed:
  - (e) Manuscripts under preparation for publication:
  - (f) Manuscripts communicated for publication (attach copy)

<ul><li>(g) Manuscripts accepted for publication (at</li></ul>	attach co	py)	١
--	-----------	-----	---

- (h) Information viewed related to research seminars/conferences/workshops:
- (i) Abstracts sent for presentation for the conference (attach copy)
- 8. Has the research fee been paid for the year in question, if so enclose photo copy of receipt

Date :	Signature of Candidate
9. Remarks of the Supervisor	
(a) Performance: Satisfactory/Not Satisfactory	
(b) Deficiencies observed:	
(c) Suggestions Communicated:	
	Signature of Supervisor
Signature of the Head of the Department	
(forwarded)	
Signature of the Director. Research	

## Fees Structure for Ph. D. Programme for Research Scholars

I. Course Work Fee: 5000   2 Examination Fee 1500   II. Fees payable only once at the time of Admission in the Institute: 7000   2 Library Caution Money 2000   III. Annual Charges Payable 2000   1 Library Fee 2000   Research Tuition Fee   2 Jainology and Comparative Religion & Philosophy 10000   3 Prakrit and Sanskrit 10000   4 Non Violence and Peace 10000   Political Science 15000   5 Yoga and Science of Living 15000   6 Social Work 25000   7 English 20000   8 Education 32000   IV. Fees Payable at the time of Submission of Thesis:   1 Thesis Submission Fee 15000	S.No.	Particulars	Fee (Rs.)	
II. Fees payable only once at the time of Admission in the Institute:  1 Registration fee 7000 2 Library Caution Money 2000  III. Annual Charges Payable 1 Library Fee 2000  Research Tuition Fee 2 Jainology and Comparative Religion & 10000 Philosophy 3 Prakrit and Sanskrit 10000 4 Non Violence and Peace 10000 Political Science 15000 5 Yoga and Science of Living 15000 6 Social Work 25000 7 English 20000 8 Education 32000  IV. Fees Payable at the time of Submission of Thesis: 1 Thesis Submission Fee 15000	I. Course Work Fee:			
II. Fees payable only once at the time of Admission in the Institute:  1 Registration fee 7000 2 Library Caution Money 2000  III. Annual Charges Payable 1 Library Fee 2000  Research Tuition Fee 2 Jainology and Comparative Religion & 10000 Philosophy 1000 Philosophy 10000 Prakrit and Sanskrit 10000 Political Science 15000 Folitical Science 15000 Social Work 25000 Tenglish 20000 Research Tuition Fee 15000 Thesis Submission Fee 15000	1	Course Work Fee	5000	
1         Registration fee         7000           2         Library Caution Money         2000           III. Annual Charges Payable           1         Library Fee         2000           Research Tuition Fee           2         Jainology and Comparative Religion & 10000           Philosophy         10000           3         Prakrit and Sanskrit         10000           4         Non Violence and Peace         15000           5         Yoga and Science         15000           5         Yoga and Science of Living         15000           6         Social Work         25000           7         English         20000           8         Education         32000           IV. Fees Payable at the time of Submission of Thesis:         15000	2	Examination Fee	1500	
2         Library Caution Money         2000           III. Annual Charges Payable           1         Library Fee         2000           Research Tuition Fee           2         Jainology and Comparative Religion & Philosophy         10000           3         Prakrit and Sanskrit         10000           4         Non Violence and Peace         15000           5         Yoga and Science of Living         15000           5         Yoga and Science of Living         25000           7         English         20000           8         Education         32000           IV. Fees Payable at the time of Submission of Thesis:           1         Thesis Submission Fee         15000	II. Fees	payable only once at the time of Admission	in the Institute:	
III. Annual Charges Payable  1 Library Fee 2000  Research Tuition Fee  2 Jainology and Comparative Religion & 10000 Philosophy  3 Prakrit and Sanskrit 10000  4 Non Violence and Peace 10000 Political Science 15000  5 Yoga and Science of Living 15000  6 Social Work 25000  7 English 20000  8 Education 32000  IV. Fees Payable at the time of Submission of Thesis:  1 Thesis Submission Fee 15000	1	Registration fee	7000	
1         Library Fee         2000           Research Tuition Fee           2         Jainology and Comparative Religion & 10000           Philosophy         10000           3         Prakrit and Sanskrit 10000           4         Non Violence and Peace 10000           Political Science 15000         15000           5         Yoga and Science of Living 15000           6         Social Work 25000           7         English 20000           8         Education 32000           IV. Fees Payable at the time of Submission of Thesis:           1         Thesis Submission Fee 15000	2	Library Caution Money	2000	
Research Tuition Fee           2         Jainology and Comparative Religion & 10000           Philosophy         10000           3         Prakrit and Sanskrit 10000           4         Non Violence and Peace 10000           Political Science 15000         15000           5         Yoga and Science of Living 15000           6         Social Work 25000           7         English 20000           8         Education 32000           IV. Fees Payable at the time of Submission of Thesis:           1         Thesis Submission Fee 15000	III. Ann	ual Charges Payable		
Jainology and Comparative Religion & 10000 Philosophy  Religion & 10000 Prakrit and Sanskrit 10000  Non Violence and Peace 10000 Political Science 15000  Yoga and Science of Living 15000 Social Work 25000 Reglish 20000 Reducation 32000  IV. Fees Payable at the time of Submission of Thesis:  Thesis Submission Fee 15000	1	Library Fee	2000	
Philosophy       10000         Non Violence and Peace       10000         Political Science       15000         Yoga and Science of Living       15000         Social Work       25000         Tenglish       20000         Education       32000         IV. Fees Payable at the time of Submission of Thesis:         1       Thesis Submission Fee	Research Tuition Fee			
3       Prakrit and Sanskrit       10000         4       Non Violence and Peace       10000         Political Science       15000         5       Yoga and Science of Living       15000         6       Social Work       25000         7       English       20000         8       Education       32000         IV. Fees Payable at the time of Submission of Thesis:         1       Thesis Submission Fee       15000	2	Jainology and Comparative Religion &	10000	
4       Non Violence and Peace       10000         Political Science       15000         5       Yoga and Science of Living       15000         6       Social Work       25000         7       English       20000         8       Education       32000         IV. Fees Payable at the time of Submission of Thesis:         1       Thesis Submission Fee       15000		Philosophy		
Political Science         15000           5 Yoga and Science of Living         15000           6 Social Work         25000           7 English         20000           8 Education         32000           IV. Fees Payable at the time of Submission of Thesis:         1           1 Thesis Submission Fee         15000	3	Prakrit and Sanskrit	10000	
5       Yoga and Science of Living       15000         6       Social Work       25000         7       English       20000         8       Education       32000         IV. Fees Payable at the time of Submission of Thesis:         1       Thesis Submission Fee       15000	4	Non Violence and Peace	10000	
6 Social Work 25000 7 English 20000 8 Education 32000  IV. Fees Payable at the time of Submission of Thesis: 1 Thesis Submission Fee 15000		Political Science	15000	
7 English 20000 8 Education 32000  IV. Fees Payable at the time of Submission of Thesis: 1 Thesis Submission Fee 15000	5	Yoga and Science of Living	15000	
8 Education 32000  IV. Fees Payable at the time of Submission of Thesis:  1 Thesis Submission Fee 15000	6	Social Work	25000	
IV. Fees Payable at the time of Submission of Thesis:  1 Thesis Submission Fee 15000	7	English	20000	
1 Thesis Submission Fee 15000	8	Education	32000	
	IV. Fees	Payable at the time of Submission of Thesi	s:	
V Application Foot	1	Thesis Submission Fee	15000	
v. Application ree:	V. App	lication Fee:		
1 Application Fee 3000	1	Application Fee	3000	

## MODEL FOR COVER & TITLE PAGE OF Ph.D. THESIS

(Title of Research Work)
(Title of Nesearch Work)
A THESIS
Submitted in accordance with the provisions of Regulation 2016 of UGC for the Award of
Ph.D. degree of Jain VishvaBharati Institute, Ladnun in the Department of
Ву
(Name of Candidate)
(Name of Candidate)
Hadaa Comanisian af
Under Supervision of
(Name & Designation of Supervisor)
(Name of the Institute Department)
Institute's Logo
JAIN VISHVA BHARATI INSTITUTE
LADNUN – 341306 (Rajasthan)
Year of Submission

## **ANNEXURE-J**

## **COLOUR SCHEME FOR THESIS COVER IN DIFFERENT FACULTIES**

Faculty of Arts - Red

Faculty of Social Science - Light Green

Faculty of Commerce - Yellow

Faculty of Education - Crimson

Faculty of Science - Light Blue

# THE DETAILS OF QUALIFYING EXAMINATIONS AND THE REQUISITE MINIMUM PERCENTAGE OF MARKS FOR ADMISSION TO THE M.Phil./Ph.D. PROGRAMME IN VARIOUS DEPARTMENTS

Any degree mentioned under the qualifying examination for each department in the following pertains to the degree awarded by this Institute or any other University established by law for the time being in force or any other degree recognized as equivalent thereto in that subject.

## 1. Qualifying Examination:

- i. Master's degree in the concerned subject OR
- ii. Master's degree in any one of the allied subjects pertaining to the department as per the list given below:

S.No.	Department	Main Subject	Allied Subjects
I.	Department of Jainology and Comparative Religion & Philosophy	<ol> <li>Jainology and Comparative Religion &amp; Philosophy</li> <li>Philosphy</li> </ol>	Jainology/Jain Darshanacharya, Philosophy-Indian/Weston, Religion, Comparative Religions, Sanskrit, Prakrit, History, Geography, Public Administration, Art and Culture, Non-Violence and Peace, Yoga and Science of Living, Economics, Biology and Mathematics, Hindi, Rajasthani
II.	Department of Prakrit and Sanskrit	<ol> <li>Prakrti</li> <li>Sanskrit</li> </ol>	Sanskrit: Veda, Vyakaran, Sahitya, Darshan, Dharmshastra, Prakrit and Jain Vidiya. Prakrit: Jain Vidya, Jain Darshan, Sanskrit and Pali, Apbhransh, Rajasthani.
III.	Department of Nonviolence and Peace	<ol> <li>Nonviolence and Peace</li> <li>Political Science</li> </ol>	Philosophy, Gandhian Studies, Value Education, Sociology, Economics, Social Work, Education, Human Rights, Conflict Resolution, Environmental Studies and Management Studies, Hindi, Public Administration, History, Peace Education.
IV.	Department of Yoga and Science of Living	Yoga and Science of Living	Philosophy, Psychology, Zoology, Physiology, Microbiology, Biotechnology and Medicine, Sociology, Sanskrit, Education, Physical Education.
V.	Department of Social Work	Social Work	Human Rights, Gender Studies, Rural Development and PRI, Sociology, Personnel Management, Human Resource Management
VI.	Department of English	English	Nil
VII.	Department of Education	Education	Nil

## 2. Qualifying Marks:

At least 55% in the aggregate or equivalent grade point average in the qualifying examination.

## Format for Outline of Proposed Research Work

1.	Cover Page (As Annexure–II)
2.	Name of Scholar
	(In English)
	(In Hindi)
3.	Title of the Research Work :
	(In English)
	(In Hindi)
4.	Introduction, Importance of Proposed Investigation, Objectives
5.	Review of Literature (Work already done on the subject of proposed Research/Study)
6.	Research Gaps identified in the proposed field of investigation. (Based on the review)
7.	Major Hypothesis, if any
8.	Research methodology
9.	Chapterization
10.	List of references cited
Signa	ature of the Candidate with date
	Outline Approved / Not approved by RAC
Nam	e and Signature of supervisor with date & seal.
Signa	ature of the Head of the Department
Signa	ature of Director, Research

(see Clause 16.7 (3))

(Name of the candidate)

## **CANDIDATE'S DECLARATION**

I, certify that the work embodied in this Ph. D. thesis is my
own bonafide work carried out under the supervision of and the
co-supervision of (if any) to at
Jain Vishva Bharati Institute. The matter embodied in this Ph. D. thesis has not been
submitted for the award of any other degree/diploma.
I declare that I have faithfully acknowledged, given credit to and referred to the
research workers wherever their works have been cited in the text and the body of the
thesis. I further certify that I have not willfully lifted up some other's work, para, text, data,
results, etc. reported in the journals, books, magazines, reports, dissertations, thesis, etc.,
or available at web-sites and included them in this Ph. D. thesis and cited as my own work.
Date: (Signature of the candidate)

Place: Ladnun

## **Certificate from the Supervisor/Co-supervisor**

This is to certify that the thesis/dissertation entitled
is a bonafide record of independent research work done by
(Reg. No.:) under
my supervision and submitted to Jain Vishva Bharati Institute in partial fulfillment for the
award of the Degree of DOCTOR OF PHILOSOPHY IN
the dissertation/thesis represents the original research work of the candidate to the best of
my knowledge.
(Signature of the Supervisor/Co Supervisor(if any) with seal)
(Signature of the HOD with seal)

## FORMAT OF THE Ph.D. THESIS

The following format may be normally adopted for the Ph.D. thesis:

- 1. Cover page (As Annexure-II)
- 2. Inner cover page
- 3. Undertaking from the candidate
- 4. Self-declaration certificate from the candidate and Certificate from the Supervisor/Co-Supervisor/Head of the Department (Annexure—C1 & C2)
- 5. Certificate for the successful completion of the pre-submission seminar (Annexure–D)
- 6. Acknowledgments
- 7. Contents
- 8. List of symbols, figures and tables, if any
- 9. Preface of the thesis
- 10. Introduction
- 11. Literature review
- 12. Chapters covering the work of the candidate
- 13. Conclusion
- 14. References
- 15. Appendices
- 16. List of papers communicated/accepted/published/presented.
- 17. Copies of acknowledgment/acceptance letter in case the papers are communicated/ accepted.
- 18. Copies of manuscripts/reprints of the papers communicated/accepted/published.
- 19. A personal profile not exceeding one page with photograph of the candidate.

(see Clause 17.14)

## **FORMAT OF EXAMINER'S REPORT**

# Jain Vishva Bharati Institute Ladnun-341306 Recommendation on Ph.D. Thesis

of the Candidate:
of the Candidate

Title of the Thesis	of the T	hesis:
---------------------	----------	--------

Please give your specific recommendation by	Yes or No any one of the following, wi	th signature
underneath and enclose your detailed repo	rt on separate sheet(s) with your signa	ature, name
and address.		
The thesis be accepted for the award of the I	Ph. D. degree	Yes/No
·	OR	
The thesis is acceptable for the award of the	Ph. D. degree subject to	Yes/No
the clarification of certain points at the time	of Viva-Voce.	
(Please enclose the points)		
. ,	OR	
The thesis is not acceptable in the present for	orm but may be accepted	Yes/No
subject to modification/clarification/revision	n.	
(Please enclose your suggestions for modification	ation etc. desired)	
After modification the <b>thesis need not be ref</b>		
	OR	
The thesis is not acceptable in the present for	orm but may be accepted	Yes/No
subject to modification/clarification/revision		•
(Please enclose your suggestions for modifications)		
After modification the <b>thesis should be refer</b>	•	
	OR	
The thesis <b>be rejected.</b> (Please enclose your o	comments).	Yes/No
Place	Signature of the Examiner	
Date	Name and Address of the Examiner	
Dute	wante and Address of the Examiner	

Encl: (a) Detailed report on separate sheet(s),

(b) List of points for clarification.

## FORMAT OF EXAMINER'S REPORT ON REVISED THESIS

# Jain Vishva Bharati Institute Ladnun- 341306 Recommendation on Revised Ph.D. Thesis

Name of the Candidate:		
Title of the Thesis		
Please give your <b>specific recommendation</b> b	y ticking ( $\forall$ ) any one of the following, wi	th
signature underneath and enclose your deta	iled report on separate sheet(s) with you	r
signature, name and address.		
The thesis <b>be accepted</b> for the award of the	Ph. D. degree	Yes/No
OR		
The thesis <b>be rejected.</b> (Please enclose your	comments).	Yes/No
Place	Signature of the Examiner	
Date	Name and Address of the Examiner	
Encl: Detailed report on separate sheet(s).		

(see Clause 14.1)

## HALF-YEARLY PROGRESS REPORT OF THE Ph.D. WORK

- 1. The progress report (in about 300 words) about the work carried out during the period shall be submitted by the candidate in duplicate duly signed by the candidate and countersigned by the Supervisor.
- 2. The Supervisor shall make the requisite entries, sign, and then send it through proper channel to the Director, Research, JVB Institute, Ladnun.
- 3. The report should be submitted in the following format:
  - 1. Particulars about the Candidate:
    - (a) Name:
    - (b) Designation (if applicable)
    - (c) Period of the Report:
  - 2. Registration letter No. and Date:
  - 3. Ph.D. Registration Title:
- 4. Particulars of the Supervisor(s)s
  - (i) Supervisor
    - (a) Name:
    - (b) Designation:
  - (ii) Co-Supervisor (if any)
    - (a) Name:
    - (b) Designation:
    - (c) Institution where employed:
- 5. Name of the Department/Institution where research is being conducted:
- 6. Area of work and title of proposed thesis:
- 7. Details of progress
  - a) Literature surveyed in the relevant period of progress report evidence by journals/research papers and web address consulted:
  - (b) The gap identified related to the work undertaken:
  - (c) Data collected:
  - (d) Data Analysed:
  - (e) Manuscripts under preparation for publication:
  - (f) Manuscripts communicated for publication (attach copy)

<ul><li>(g) Manuscripts accepted for publication (at</li></ul>	attach co	py)	١
--	-----------	-----	---

- (h) Information viewed related to research seminars/conferences/workshops:
- (i) Abstracts sent for presentation for the conference (attach copy)
- 8. Has the research fee been paid for the year in question, if so enclose photo copy of receipt

Date :	Signature of Candidate
9. Remarks of the Supervisor	
(a) Performance: Satisfactory/Not Satisfactory	
(b) Deficiencies observed:	
(c) Suggestions Communicated:	
	Signature of Supervisor
Signature of the Head of the Department	
(forwarded)	
Signature of the Director. Research	

## Fees Structure for Ph. D. Programme for Research Scholars

I. Course Work Fee: 5000   2 Examination Fee 1500   II. Fees payable only once at the time of Admission in the Institute: 7000   2 Library Caution Money 2000   III. Annual Charges Payable 2000   1 Library Fee 2000   Research Tuition Fee   2 Jainology and Comparative Religion & Philosophy 10000   3 Prakrit and Sanskrit 10000   4 Non Violence and Peace 10000   Political Science 15000   5 Yoga and Science of Living 15000   6 Social Work 25000   7 English 20000   8 Education 32000   IV. Fees Payable at the time of Submission of Thesis:   1 Thesis Submission Fee 15000	S.No.	Particulars	Fee (Rs.)	
II. Fees payable only once at the time of Admission in the Institute:  1 Registration fee 7000 2 Library Caution Money 2000  III. Annual Charges Payable 1 Library Fee 2000  Research Tuition Fee 2 Jainology and Comparative Religion & 10000 Philosophy 3 Prakrit and Sanskrit 10000 4 Non Violence and Peace 10000 Political Science 15000 5 Yoga and Science of Living 15000 6 Social Work 25000 7 English 20000 8 Education 32000  IV. Fees Payable at the time of Submission of Thesis: 1 Thesis Submission Fee 15000	I. Course Work Fee:			
II. Fees payable only once at the time of Admission in the Institute:  1 Registration fee 7000 2 Library Caution Money 2000  III. Annual Charges Payable 1 Library Fee 2000  Research Tuition Fee 2 Jainology and Comparative Religion & 10000 Philosophy 1000 Philosophy 10000 Prakrit and Sanskrit 10000 Political Science 15000 Folitical Science 15000 Social Work 25000 Tenglish 20000 Research Tuition Fee 15000 Thesis Submission Fee 15000	1	Course Work Fee	5000	
1         Registration fee         7000           2         Library Caution Money         2000           III. Annual Charges Payable           1         Library Fee         2000           Research Tuition Fee           2         Jainology and Comparative Religion & 10000           Philosophy         10000           3         Prakrit and Sanskrit         10000           4         Non Violence and Peace         15000           5         Yoga and Science         15000           5         Yoga and Science of Living         15000           6         Social Work         25000           7         English         20000           8         Education         32000           IV. Fees Payable at the time of Submission of Thesis:         15000	2	Examination Fee	1500	
2         Library Caution Money         2000           III. Annual Charges Payable           1         Library Fee         2000           Research Tuition Fee           2         Jainology and Comparative Religion & Philosophy         10000           3         Prakrit and Sanskrit         10000           4         Non Violence and Peace         15000           5         Yoga and Science of Living         15000           5         Yoga and Science of Living         25000           7         English         20000           8         Education         32000           IV. Fees Payable at the time of Submission of Thesis:           1         Thesis Submission Fee         15000	II. Fees	payable only once at the time of Admission	in the Institute:	
III. Annual Charges Payable  1 Library Fee 2000  Research Tuition Fee  2 Jainology and Comparative Religion & 10000 Philosophy  3 Prakrit and Sanskrit 10000  4 Non Violence and Peace 10000 Political Science 15000  5 Yoga and Science of Living 15000  6 Social Work 25000  7 English 20000  8 Education 32000  IV. Fees Payable at the time of Submission of Thesis:  1 Thesis Submission Fee 15000	1	Registration fee	7000	
1         Library Fee         2000           Research Tuition Fee           2         Jainology and Comparative Religion & 10000           Philosophy         10000           3         Prakrit and Sanskrit 10000           4         Non Violence and Peace 10000           Political Science 15000         15000           5         Yoga and Science of Living 15000           6         Social Work 25000           7         English 20000           8         Education 32000           IV. Fees Payable at the time of Submission of Thesis:           1         Thesis Submission Fee 15000	2	Library Caution Money	2000	
Research Tuition Fee           2         Jainology and Comparative Religion & 10000           Philosophy         10000           3         Prakrit and Sanskrit 10000           4         Non Violence and Peace 10000           Political Science 15000         15000           5         Yoga and Science of Living 15000           6         Social Work 25000           7         English 20000           8         Education 32000           IV. Fees Payable at the time of Submission of Thesis:           1         Thesis Submission Fee 15000	III. Ann	ual Charges Payable		
Jainology and Comparative Religion & 10000 Philosophy  Religion & 10000 Prakrit and Sanskrit 10000  Non Violence and Peace 10000 Political Science 15000  Yoga and Science of Living 15000 Social Work 25000 Reglish 20000 Reducation 32000  IV. Fees Payable at the time of Submission of Thesis:  Thesis Submission Fee 15000	1	Library Fee	2000	
Philosophy       10000         Non Violence and Peace       10000         Political Science       15000         Yoga and Science of Living       15000         Social Work       25000         Tenglish       20000         Education       32000         IV. Fees Payable at the time of Submission of Thesis:         1       Thesis Submission Fee	Research Tuition Fee			
3       Prakrit and Sanskrit       10000         4       Non Violence and Peace       10000         Political Science       15000         5       Yoga and Science of Living       15000         6       Social Work       25000         7       English       20000         8       Education       32000         IV. Fees Payable at the time of Submission of Thesis:         1       Thesis Submission Fee       15000	2	Jainology and Comparative Religion &	10000	
4       Non Violence and Peace       10000         Political Science       15000         5       Yoga and Science of Living       15000         6       Social Work       25000         7       English       20000         8       Education       32000         IV. Fees Payable at the time of Submission of Thesis:         1       Thesis Submission Fee       15000		Philosophy		
Political Science         15000           5 Yoga and Science of Living         15000           6 Social Work         25000           7 English         20000           8 Education         32000           IV. Fees Payable at the time of Submission of Thesis:         1           1 Thesis Submission Fee         15000	3	Prakrit and Sanskrit	10000	
5       Yoga and Science of Living       15000         6       Social Work       25000         7       English       20000         8       Education       32000         IV. Fees Payable at the time of Submission of Thesis:         1       Thesis Submission Fee       15000	4	Non Violence and Peace	10000	
6 Social Work 25000 7 English 20000 8 Education 32000  IV. Fees Payable at the time of Submission of Thesis: 1 Thesis Submission Fee 15000		Political Science	15000	
7 English 20000 8 Education 32000  IV. Fees Payable at the time of Submission of Thesis: 1 Thesis Submission Fee 15000	5	Yoga and Science of Living	15000	
8 Education 32000  IV. Fees Payable at the time of Submission of Thesis:  1 Thesis Submission Fee 15000	6	Social Work	25000	
IV. Fees Payable at the time of Submission of Thesis:  1 Thesis Submission Fee 15000	7	English	20000	
1 Thesis Submission Fee 15000	8	Education	32000	
	IV. Fees	Payable at the time of Submission of Thesi	s:	
V Application Foot	1	Thesis Submission Fee	15000	
v. Application ree:	V. App	lication Fee:		
1 Application Fee 3000	1	Application Fee	3000	

## MODEL FOR COVER & TITLE PAGE OF Ph.D. THESIS

(Title of Research Work)
(Title of Nesearch Work)
A THESIS
Submitted in accordance with the provisions of Regulation 2016 of UGC for the Award of
Ph.D. degree of Jain VishvaBharati Institute, Ladnun in the Department of
Ву
(Name of Candidate)
(Name of Candidate)
Hadaa Comanisian af
Under Supervision of
(Name & Designation of Supervisor)
(Name of the Institute Department)
Institute's Logo
JAIN VISHVA BHARATI INSTITUTE
LADNUN – 341306 (Rajasthan)
Year of Submission

## **ANNEXURE-J**

## **COLOUR SCHEME FOR THESIS COVER IN DIFFERENT FACULTIES**

Faculty of Arts - Red

Faculty of Social Science - Light Green

Faculty of Commerce - Yellow

Faculty of Education - Crimson

Faculty of Science - Light Blue