



**JHARKHAND RAKSHA SHAKTI UNIVERSITY, RANCHI**



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**DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)**

**REGULATIONS-2025**

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**Research and Development Cell  
JRSU, Ranchi**

**JHARKHAND RAKSHA SHAKTI UNIVERSITY  
RESEARCH AND DEVELOPMENT CELL**

**RANCHI – 834008**

**Degree of Doctor of Philosophy (Ph.D.)  
Regulations-2025**

(In accordance with the provisions to the regulations of the University Grants Commission  
(Minimum Standards and Procedure for Award of Ph.D. Degree) Regulations, 2009, 2016  
& 2022)

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**JHARKHAND RAKSHA SHAKTI UNIVERSITY**  
**Ph.D. REGULATIONS-2025**

**1. TITLE, APPLICATION AND COMMENCEMENT**

- a. These regulations shall be called the ‘Degree of Doctor of Philosophy (Ph.D.) Regulations – 2025’.
- b. It shall apply to the Ph.D. Scholars, Guide/Research Supervisors, Co- Guide/Co-Research Supervisors and Research Advisory Committee Members.

**2. DEFINITIONS**

In the Regulations, unless the context otherwise requires,

- i. “Adjunct Faculty” means a part-time or contingent instructor, but not full-time faculty member hired to teach by a University.
- ii. “Board of Examiners” means the set of examiners constituted by the competent authority of University for adjudicating the Ph.D. thesis submitted by a scholar.
- iii. “Research and Development Cell” means the section which administers the Ph.D. related activities of the University.
- iv. “Co-Research Supervisor” (CRS) means an academician/researcher recognized by the recognized University/institutions to guide/supervise the Ph.D. scholar for his/her in same or other University Departments / any approved Research Centre of the University.
- v. “Course” means one of the specified units which go to comprise a programme of study.
- vi. “Coursework” means courses of study prescribed by the University / School / Department prepared and approved by respective Boards of Studies. Also, it denotes any UGC approved MOOC such as SWAYAM, NPTEL, etc., the coursework is to be prescribed by the Research Advisory Committee Members.
- vii. “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.
- viii. “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 semesters and the sum of the total credits of all courses in all semesters. It is expressed up to two decimal places.

- ix. "Degree" means a degree awarded by a Higher Educational Institution in accordance with the provisions of section 22 (3) of the UGC Act, 1956.
- x. "Research Advisory Committee" means a committee constituted by the University to a Ph.D. scholar to review/guide and assist the progress of his/her research work.
- xi. "External examiner" means an academician/researcher with published research work who is not part of the JHARKHAND RAKSHA SHAKTI UNIVERSITY.
- xii. "Foreign Educational Institution" means—(i) an institution duly established or incorporated in its home country and offering educational programmes at the undergraduate, postgraduate and higher levels 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.
- xiii. "Research Supervisor (RS)" means an academician/researcher recognized by the recognized University to guide/supervise the Ph.D. scholar.
- xiv. "Head of Research Centre" means Head of the Higher Education Institute where the Research Centre is located.
- xv. "Interdisciplinary Research" means research conducted by a Ph.D. Scholar in two or more academic disciplines.
- xvi. "Panel of Examiners" means the list of examiners submitted by the Research Supervisor to evaluate the Ph.D. thesis submitted by a Ph.D. scholar.
- xvii. "Ph.D. Scholar" means any candidate who is admitted by the University for pursuing research leading towards the award of Ph. D degree of the University, either under Full-time or Part-time Mode.
- xviii. "Place of Research" means the Research Centre where the Ph.D. Scholars pursues his / her Research.
- xix. "Plagiarism" means the practice of taking someone else's work or idea and passing them as one's own.
- xx. "Programme" means research programme leading to the award of Ph.D
- xxi. "Publication" means peer reviewed/indexed full length research articles reporting research findings/ issues in the field of specializations / related disciplines with references and it may contain figures, tables, etc. Further, its results will have a general impact and contribution to the advancement of the particular field.
- xxii. "Research Committee (RC)" means the Board duly constituted by the

Vice- Chancellor of the University to formulate policies, regulations and guidelines related to academic research activities of the University based on the University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations-2022.

- xxiii. “Research Centre (RC)” means the University Departments recognized by JRSU for offering Ph.D. Programme. The Head of the research centres will be the Head of the Department for the University Departments.
- xxiv. “Research Duration” means the minimum and maximum period to be spent for Ph.D. Programme (Full-time and Part-time) that shall be counted from the date of remittance of first research fee till the date of submission of thesis.
- xxv. “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 of Ph.D. programme.
- xxvi. “Synopsis” means a brief summary of the Ph.D. thesis submitted for evaluation in accordance with university Ph.D. regulations prior to submission of the final Ph.D. thesis.
- xxvii. University means “Jharkhand Raksha Shakti University, Ranchi.

### **3. ELIGIBILITY FOR ADMISSION**

For admission to the Ph.D. Programme, a candidate has to fulfill the following minimum qualifications:

- (1) 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.

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.

- (2) Candidates who have cleared the M.Phil. Course work with at least 55% 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) and have successfully completed the M.Phil. Degree shall be eligible to proceed to

do research work leading to the Ph.D. Degree in the same Institution in an integrated programme. 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) and other categories of candidates as per the decision of the UGC from time to time.

- (3) Equivalent qualification of Master's Degree / M.Phil. Programme with at least 55% marks 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 are also eligible to apply. However, they have to apply and submit the recognition/genuineness certificate.

#### **4. ADMISSION PROCESS – (SINGLE WINDOW SYSTEM)**

The Single Window System in the admission process will be the method of admitting the candidate in the Ph. D. program. This method involves optimized procedures and interfaces with Research and Development Cell/Centre for Research of JRSU as the unitary facilitation point.

##### **4.1 Process of Admission**

- a. The eligible candidates (Candidates who have cleared UGC JRF /CSIR-NET / Ph.D./SET(Jharkhand)/GATE and Other National Eligibility Qualification) for admission will be entitled to apply through the online portal for Ph.D. admission. Candidates will have an initial provision to select Research Supervisors and prioritize them.
- b. The UGC-NET/ UGC-CSIR/GATE/CEED or other National Eligibility Test score will be used to prepare the discipline wise rank list.
- c. The student rank list will be put together against the discipline wise vacancy list.
- d. The eligible candidates will be called for interview and the provisional selection list will be generated.
- e. During this process, certificates will be verified. The candidates will be issued with a commencement order on payment of requisite fees to the university.
- f. The provisional selection list will be intimated to the Research Centres.
- g. In case of a candidate not joining the Ph. D program after being provisionally selected, within the stipulated time, his / her candidature will be automatically cancelled without any notice and the vacancy thus created will be filled by the next eligible candidate from the waiting list in the same admission session.

Note: Research Supervisors may express their inability to supervise Research scholars in a particular session with valid reasons, prior to the session's

admission process. Merit of the case shall be decided by the University and the University's decision shall be final.

#### **4.2 Reservation policy**

- a. The admission to the research program shall be made on the basis of merit adhering to the rules of reservation of the Government of Jharkhand.
- b. The candidates from other states will be considered in unreserved (UR) category.
- c. In case of non-availability of candidates belonging to the specific community, the process of admission will be done as per the roster policies prescribed by the Government of Jharkhand from time to time.

#### **4.3 Priority and weight of marks used for preparing rank list**

- a. The first priority will be given to Candidates with UGC-JRF/CSIR-JRF qualification, followed by UGC-NET/CSIR qualification. Next priority is for the Candidates with SET (Jharkhand) qualification. Candidates who have qualified UGC-NET for Ph.D. admission will be considered next.
- b. 70 % weight for UGC-NET or other National Eligibility Test Score and 30 % for interview.

#### **4.4 Calculation of vacancy based on discipline**

The number of candidates who can be enrolled in the research centres based on the discipline is considered as the total student strength. For every session, the total vacancy available will be calculated and this will be taken as the student intake for that particular session. Based on this vacancy, the discipline wise community roster will be prepared by the University and will be published on the website of the University before the commencement of the admission process of every admission session.

### **5. MODE AND DURATION OF PhD PROGRAMMES**

The University offers PhD Programme in two modes viz. Full-time mode and part time mode and the eligibility conditions and duration for each of the modes are furnished below:

#### **5.1. Full Time Mode**

- (1) The eligibility criteria for full time candidates will be as mentioned in 4.1.
- (2) The minimum duration for the full time Ph.D Programme is Three (3) years and the maximum duration is Six (6) years. However, a maximum of an additional two (2) years can be given through a process of re-registration is considered based on the approval of the Vice-Chancellor, however, the total period for completion of a

Full- Time Ph.D. Programme should not exceed eight (8) years from the date of admission in the Ph.D. Programme.

- (3) Further women candidates and Persons with Disability (more than 40% disability) can avail relaxation of two years in the maximum duration. 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.
- (4) Non-stipendiary women 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. However, the stipendiary woman candidate shall follow the maternity leave rules stated in the fellowship agreement or these regulations will apply.
- (5) A non-stipendiary candidate shall avail of 30 days casual leave in an academic year. Stipendiary candidates shall follow the leave rules stated in the fellowship agreement or these regulations will apply.

**Note:** Any violation reported by the Research Supervisor or Co – Research Supervisor and Head of the Research regarding the involvement of full-time scholars in any activities which fetch them monthly salary (Govt. or Private) is strictly not permitted and this will also lead to cancellation of their Ph. D. registration.

## **5.2. Part Time Mode**

- (1) Ph.D. Programmes through part-time mode will be permitted, provided all the conditions given below are fulfilled:
- (2) The minimum duration for the Part-time Ph.D Programme is Four (4) years and the maximum duration is Six (6) years. However, a maximum of an additional two (2) years can be given through a process of re-registration is considered based on the approval of the Vice-Chancellor, however, that the total period for completion of a Part-Time Ph.D. Programme should not exceed eight (8) years from the date of admission in the Ph.D. Programme.
- (3) Further women Ph.D Scholars and Persons with Disability (more than 40% disability) can avail relaxation of two years in the maximum duration. 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.
- (4) The candidate is permitted to pursue studies on a part-time basis provided his/her official duties permit him/her to devote sufficient time for research. If required, he/she will be relieved from the duty to complete the course work.
- (5) Candidates possessing educational qualification as stated in paragraph 4.1 above falling under any of the following categories, are eligible for admission in Part-Time mode.
- (6) A regular (permanent) teacher working in a University Department or in an affiliated College of the University or in a State / Central University.

- (7) A regular (permanent) PG Assistant of Higher Secondary Schools / BT Assistant / of State/Central Government with two years of total experience after obtaining PG Degree.
- (8) Full-time Assistant Professor (Temporary/Self Finance) or employee of private organizations with teaching experience in the college or research institution or State / Central University/other private organizations. Candidates shall produce employment certificate from the employer every year along with the application for continuation of registration.
- (9) A Full-Time Teacher/Assistant professor shall be employed as regular teacher with continuous service of 2 years in a School/College recognized and affiliated by the State or Central Government. However, the Research Supervisor shall be recognized guide of the Jharkhand Raksha Shakti University.
- (10) Research Assistants / Technical Assistants appointed on a permanent basis by the University after confirmation of service.
- (11) Officers of Police Department, Armed Forces and Paramilitary Forces of Government of India or other organizations are eligible irrespective of the place of employment. All applicants shall produce certificates from their employers about duration and nature of employment from the employer.
- (12) All the candidates who apply for part time mode shall obtain a “No Objection Certificate” and “Experience Certificate” from the appropriate authority in the organization where the candidate is employed, clearly stating that:
  - i) The candidate is permitted to pursue studies on a part-time basis.
  - ii) His/her official duties permit him/her to devote sufficient time for research.
  - iii) If required, he/she will be relieved from the duty to complete the course work.

## **6. CONVERSION OF MODE:**

### **6.1. Full-Time to Part-Time:**

- (1) The University may permit conversion of Ph.D. registration from full- time mode to part-time mode for a PhD Scholar on valid grounds.
- (2) The PhD Scholar who got appointed in any institution shall apply for the change from full time to part time with recommendation letter of the Research Supervisor / Co – Research Supervisor forwarded by the Head of the Research Centre.
- (3) Scholar shall pay the prescribed fee for change of mode.
- (4) The entire duration spent as full-time scholar will be taken for calculating minimum period of research under part time mode.

### **6.2. Part-Time to Full-Time**

- (1) Candidates who got relieved from their employment from the institution shall apply for the change from part time to full time with progress report and recommendation letter of the Research Supervisor / Co-Research Supervisor forwarded by the Head of the Research Centre
- (2) Ph.D Scholars shall pay the prescribed fee for change of mode.
- (3) Only 75 % of the duration spent as part time scholar will be taken for calculating minimum and maximum period of research under full time mode.

## **7. RE-REGISTRATION**

- (1) As per the UGC regulations 2022, extension of Ph.D. Programme is offered through a process of Re-Registration request from Ph.D Scholar for a maximum of two (2) years additional after the recommendation of Research Supervisor/Co-Research Supervisor and availing approval from the Vice-Chancellor and payment of the prescribed Re-Registration Fee.
- (2) Such application should be submitted along with the details such as prompt submission of biannual research progress, regular fee remittance and attendance details.
- (3) If the PhD Scholar fails to submit the Thesis within the extended period of two years, the registration shall be cancelled.

## **8. RESEARCH ADVISORY COMMITTEE**

### **8.1. Constitution of Research Advisory Committee**

- (1) The Research Advisory Committee (RAC), shall be constituted by the University, it shall consist of the following members:
  - i. The Research Supervisor of the Scholar
  - ii. The Co-Research Supervisor (if any)
  - iii. The Head of Research Centre (Ex-Officio Member) and
  - iv. Two Faculty Members who are familiar with the broad area of proposed research work of the scholar.
  - v. The Research Supervisor shall be the chairperson of the RAC. When the Research Supervisor is also the Head of Research Centre, Research Supervisor shall invite another recognized Research Supervisor from the same/ related discipline for the RAC meeting as special invitee, who also will sign in the minutes of the meeting.
  - vi. When the change of RAC member necessitates for unavoidable reasons Research Supervisor shall submit a written request forwarded by the HoRC, to the R&D Cell, JRSU. The University upon receiving the request shall peruse the merit of the request and take decision on the change of the RAC member.

## 8.2. Responsibilities of Research Advisory Committee

- (1) The Research Advisory Committee meeting shall be conducted at least one time in each semester during the research tenure in the presence of Head of the Research Centre. The Research Supervisor shall ensure that all the member of Research Advisory Committee Attend the meeting. The Research Advisory Committee shall have the following responsibilities.
  - i. To review the research proposal and finalize the topic of research.
  - ii. To guide the Ph.D. scholar in developing the study design and methodology of research and identify the course(s) that he/she may have to do.
  - iii. To periodically review and assist in the progress of the research work of the Ph.D. scholar.
- (2) Every six months, a Ph.D. Scholar shall submit progress report to R&D Cell duly signed by RAC.
- (3) In case the progress of the Ph.D. Scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the Ph.D. Scholar fails to implement these corrective measures, the Research Advisory Committee may recommend, with specific reasons, the cancellation of the registration of the Ph.D. Scholar from the Ph.D. Programme.

The RAC shall perform the following in the first meeting:

- a. The first meeting shall be conducted after successful completion of coursework.
- b. Review the research proposal and approve the proposed title of research.
- c. Suggest / approve the timeline submitted by the scholar for the Research
- d. Other responsibilities are;
  - i. Scrutinize the draft of the Ph.D., thesis and ensure that there is no issue related to Plagiarism
  - ii. To conduct and approve the Pre-PhD Viva-Voce presentation, approve the Synopsis & Thesis and Panel of Examiners for adjudication of the thesis
  - iii. If the Ph.D., Scholar seeks for extension or Re-Registration of Ph.D., Programme it should get the consent of the RAC before one month of the maximum period.

## 9. COURSE WORK

- (1) The Credit requirement for the Ph.D. coursework is 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**.
- (2) A Ph.D. Scholar must obtain a minimum of 55% marks or its equivalent grade in the UGC 10-point scale in the course work to be eligible to continue in the

programme and submit his or her thesis.

- (3) 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.

## **10. RESEARCH SUPERVISOR**

### **10.1. Eligibility Criteria and Recognition as Research Supervisor**

- (1) Permanent/Regular full-time 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 after the award of Ph.D Degree and permanent faculty members working as Assistant Professors in University with a Ph.D., and at least three research publications in peer-reviewed or refereed journals after the award of Ph.D Degree may be recognized as a Research Supervisor in the University where the faculty member is employed. Such recognized research supervisors cannot supervise research scholars in other institutions, where they can only act as co-supervisors. Ph.D. awarded by a university under the supervision of a faculty member who is not an employee of the University would be in violation of these Regulations.
- (2) Co-Supervisors from within the same department or other departments of the same institution or other institutions may be permitted with the approval of the competent authority.
- (3) Adjunct Faculty members shall not act as Research Supervisors and can only act as co- supervisors.
- (4) In case of interdisciplinary/multidisciplinary research work, if required, a Co-Supervisor from outside the Department/School/Centre/College/University may be appointed.
- (5) 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.
- (6) Regular Faculty Members supervising scholars from more than one discipline should ensure that total scholars putting all disciplines together have not exceeded the maximum limit prescribed for their respective position, at any point of time.
- (7) Each supervisor can guide up to two international research scholars on a supernumerary basis over and above the permitted number of Ph.D. scholars.
- (8) 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 University to which the Ph. D 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 Ph.D Scholar shall, however, give due credit to the parent institution and the Research Supervisor for the part of research already undertaken.

- (9) Faculty members with less than three years of service before superannuation shall not be allowed to take new research scholars under their supervision.
- (10) Research Supervisor / Co – Research Supervisor who resigns the job from a recognized Research Centre and joins in some other institution having recognized Research Centre for the same discipline will forfeit recognition as Research Supervisor / Co – Research Supervisor. However, such a person shall request for continuing the supervision of Ph/D Scholars who were registered under him / her, through proper channel from the new institution. Such Ph/D Scholars either have to follow the steps prescribed for change of Research Centre or add one Co – Research Supervisor from the existing Research Centre.
- (11) Research Supervisor who resigns the job from a recognized Research Centre and joins in some other institution that do not have a recognized Research Centre for the same discipline will forfeit recognition as Research Supervisor. However, the Research Supervisor with cognition of the Head of the Research Centre and Head of the Institution shall request for continuing the supervision of PhD Scholars who were registered under him/her.
- (12) Every Research Supervisor has to give declaration about the number of PhD scholars working with him/ her at the time of enrollment of each scholar. A Research Supervisor who joins the institution under the University Jurisdiction shall inform the University about the details of the scholar of other Universities who are working under their supervision and get permission from the University. However, the total number shall not exceed their limit.

## **11. PROGRESS AND PUBLICATION REQUIREMENTS**

### **11.1. Biannual Report**

After Provisional Registration, a scholar is required to submit a written report (Biannual Progress Report) of work done by him/her in the prescribed proforma within two weeks after the completion of each six-month period from the date of commencement of research to the Research and Development Cell/Centre for Research of the University through Research Supervisor / Co – Research Supervisor and Head of the Research Centre. The same will be perused during the ensuing Research Advisory Committee meeting. The report should clearly indicate the progress achieved and cover the following points wherever applicable:

- Outline of the proposed Thesis
- Timeline /Progress of the Thesis
- Coursework completion status
- Conference Presentation / Publications details
- Recommendation of the Research Advisory Committee

## **11.2 Publication Requirements**

The Ph.D. Scholar during his/her period of research should have published at least two research articles in peer reviewed/indexed journals for completion of Ph.D. degree after joining the programme and candidate should submit relevant evidences for the publications.

## **11.3 Change of Title**

1. During the first Research Advisory Committee meeting, the proposed title for the research is approved.
2. Major changes in the title of research should be done with the approval of RAC.
3. The change of title is not permitted after the submission of synopsis.

## **11.4. Academic Integrity and Plagiarism**

As far as the matters related to academic integrity and plagiarism are concerned, they are governed by the University Grants Commission (Promotion of Academic Integrity and Prevention of Plagiarism in Higher Educational Institutions) Regulations, 2018 dated 23<sup>rd</sup> July 2018. Similarities upto 10% be accepted (via UGC recommended software, if any). The thesis shall be submitted after the completion of plagiarism checking along with the prescribed certificate.

## **11.5 Submission of Synopsis**

1. During the Pre-PhD presentation, the PhD Scholar shall present his/her research work in the Research Centre in the presence of faculty members and scholars. Minutes of the Pre-PhD presentation shall be submitted to R&D Cell, JRSU.
2. The PhD Scholar shall submit five copies of the abstract and Synopsis (not more 30-35 pages) of his / her research work.
3. The Research Supervisor shall submit the list of the Panel of External Examiners in the prescribed format for adjudication of the thesis separately to the office of the Research Cell, JRSU at the time of submission of Synopsis.

## **11.6 Submission of Thesis**

1. After completing three years of research study from the date of registration, the PhD Scholar with permanent registration is eligible to apply for submission of thesis.
2. The candidate shall publish two research papers in peer reviewed/indexed journals in their respective discipline before the submission of synopsis. And the

candidate shall present two papers / poster in regional / national / international seminar / conferences before submission of thesis.

3. The Synopsis shall not be more than 30-35 pages. The synopsis shall be presented before the Research Advisory Committee, and on its recommendation, the synopsis and abstract in five copies and a soft copy of synopsis shall be sent to the University with certification from the Supervisor and Head of the Research Centre.
4. The soft copy of the thesis shall be submitted to the University library for plagiarism check. A certificate will be issued about the level of similarity detected based on authorized software (UGC recommended, if any). The thesis will be permitted for submission if the level of similarity is deemed acceptable as per the rules framed by the university.
5. The application for submission of soft copy of thesis for plagiarism check and the relevant rules shall be obtained from the Librarian, Jharkhand Raksha Shakti University Library.
6. One month after submission of synopsis and not later than six months after the submission of synopsis, the PhD Scholar shall submit six hard copies and one soft copy of the thesis (in the same format as in the hard copy). One hard copy of thesis shall be returned to the scholar after the completion of viva voce and one copy shall be handed over to the JRSU library.
7. If the PhD Scholar is unable to submit the thesis within six months from the date of submission of synopsis, then he/she shall apply for extension of time to submit the thesis within 6 months or till the completion of 6- year-period whichever is earlier. In other words, submission of thesis beyond the maximum period is not allowed.

## **12. EVALUATION AND ASSESSMENT METHODS**

### **12.1 The Panel of Examiners shall be in the following pattern:**

- a) A list of panel members consisting of ten experts should be submitted by Research Supervisor to R&D Cell.

Note: All the mentioned Panel of Examiners shall be not below the designation of Associate Professor or equivalent in the State/Central universities or other research institutions.

- b) The Vice Chancellor is authorized to select two examiners from the Panel.
- c) Panel of Examiners shall be submitted either before six months from the date of submission of the Thesis or during the submission of Synopsis by the Research Supervisor, it shall also facilitate towards the finalization of a Panel of Examiners for evaluation of thesis in advance and to obtain the adjudicators' acceptance well in advance by the University.

### **12.2 Thesis Evaluation**

- a) The Ph.D. thesis submitted by a Ph.D. scholar shall be evaluated by his/her RS 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. The viva-voce board shall consist of the Research Supervisor and an external examiner selected by the Vice Chancellor from the list of the panel. The viva-voce shall be open to the members of the Research Advisory Committee/faculty members/research scholars, students and public.

- b) 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. If one of the external examiners recommends rejection, the University shall send the thesis to an alternate external examiner from the approved panel of external examiners, and the viva-voce examination shall be held only if the alternate examiner recommends acceptance of the thesis. If the alternate examiner does not recommend acceptance of the thesis, the thesis shall be rejected, and the Ph.D. scholar shall be declared ineligible for the award of a Ph.D.
- c) Degree will be awarded to the Ph.D. Scholar only if both the external examiners recommend the thesis and on successful completion of the Viva-Voce examination by the Ph.D. Scholar. Such a thesis shall belong to the category RECOMMENDED FOR THE AWARD.
- d) If any external examiner recommends Revision/Re-Submission of the thesis, the Ph.D. Scholar should resubmit the revised thesis within six months and the same shall be duly certified by the Research Supervisor / Co-Research Supervisor (if any)/Research Advisory Committee. The revised thesis will be sent for evaluation to the same examiner with a prescribed fee.
- e) If one examiner or both examiners suggest a few minor corrections and not insist on resubmission. Corrections in the thesis suggested by the examiner shall be made by the Ph.D. Scholar before viva voce and the same shall be duly certified by the Research Supervisor/Co Research Supervisor (if any)/RAC and it is verified by the University and processed for Viva-Voce Examination.

### **12.3 Viva-Voce Examination**

- (1) If the thesis is recommended for the award of the degree by the two examiners, a open viva - voce will be conducted on a working day, after proper announcement, with a minimum of 15 days' notice to the University from the date of viva communication and the maximum period shall be fixed as 45 days. After the maximum period, the viva communication already sent shall become invalid and further the conduct of viva-voce exam shall be decided by the Vice-Chancellor on request from the Research Supervisor through the Head of the Research Centre.
- (2) The Convener of the Viva Voce Board will be the Research Supervisor. The External Examiner will be the member of the Viva Voce Board. The Research Supervisor is responsible for the conduct of Research Advisory Committee and other Examinations like Pre - Ph.D. presentation and Viva – Voce Examination. The adjudication reports of the external examiners with a consolidated report

of the Research Supervisor will be made available to the Examiners of viva-voce board. It is the duty of the Convener of the Viva Voce board has to consolidate the results of the Viva-Voce Examination and send the minutes to the University.

- (2) If a Ph.D. Scholar fails to defend his/her thesis in the viva-voce examination, he/she may be permitted to reappear for the viva-voce after (within) a period of three months with a prescribed fee. No further chance will be given to the Ph.D. Scholar on any account and his/her PhD registrations deem to be cancelled.

### **13 Award of Ph.D.,**

The Ph.D. Scholar will be issued Provisional Certificate after successful completion of the viva-voce examination and on approval of the same by the Controller of Examinations and subsequently to be ratified by the Vice- Chancellor and the competent authority. The date of Viva-Voce Examination is treated as the date of award of the Ph.D., Degree. The Ph.D. degree will be formally awarded in the ensuing Convocation.

**ANNEXURE – I**

**FEE DETAILS FOR FULL-TIME & PART-TIME CATEGORY**

	<b>Item</b>		<b>Fees (in rupees)</b>
1	Application Fee		Rs. 1000
2	Admission fee		Rs. 10,000
3	Registration Fee		Rs. 2000
4	Research Fees per year		
	Full Time	Humanities/Social Sciences	Tuition fee + (Library fee + Wi-Fi fee) (28,500+(1000+500=1500))
			Total Rs. 30,000
		Science /Technology	(Tuition fee + (Library fee + Wi-Fi fee) (33,500+(1000+500=1500))
			Total Rs. 35,000
	Part Time	Humanities/Social Sciences	Tuition fee + (Library fee + Wi-Fi fee) (38,500+(1000+500=1500))
			Total Rs. 40,000
		Science /Technology	(Tuition fee + (Library fee + Wi-Fi fee) (43,500+(1000+500=1500))
			Total Rs. 45,000
5	Conversion (FT to PT Vice versa) One time only		Rs. 5,000
6	Re-Registration for Ph.D Program		Rs. 5000 + Tuition Fee
7	Submission of Synopsis (Valid for Six months)		Rs. 3,000
8	Course Work		Rs. 2000 per paper
9	Submission of thesis		Rs. 10,000
10	Viva Voce Examination Fee		Rs. 5,000
11	Revised thesis sent to Examiners for Re- evaluation		Rs. 3,000
12	Thesis Submission Certificate		Rs. 500
13	UGC Compliance Certificate		Rs. 500
14	Plagiarism Check		Rs. 1,000
15	Issuing of Duplicate Certificates		Rs. 1,000
16	Honorarium for thesis evaluation		Rs. 5,000

17	Honorarium for Viva- Voce Examination (External Examiner)	Eligible TA and Sitting Fee of Rs. 3,000
18	Honorarium for Viva-Voce Examination (Guide – Co-Guide)	Eligible TA and Sitting Fee of Rs. 2,000