



JHARKHAND UNIVERSITY OF TECHNOLOGY

(Established by Jharkhand University of Technology Act 2011, Jharkhand Act 18, 2015)

Ranchi, Jharkhand, India

ORDINANCES FOR Ph.D.

With effect from

Academic Year 2021-22*

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- * These ordinances are made in exercise of the powers conferred upon by sections 34 (ii) & (iii) under the Chapter VI of the Jharkhand University of Technology Act 2011 (Jharkhand Act 18, 2015) by the Academic Council and duly approved by the Executive Council of the Jharkhand University of Technology, Ranchi. These shall come into force from the Academic Year 2021-22.

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1.	<p>INTRODUCTION</p> <p>The provisions contained in these ordinances specify the policies and procedure for admission in Ph.D. programme, course structure, conduct of examination/ evaluation of candidates' performance leading to the award of degree of Doctor of Philosophy (Ph.D.) from Jharkhand University of Technology, Ranchi.</p> <p>These ordinances may be revised, updated, amended or modified from time to time through appropriate approval from the Academic Council, Jharkhand University of Technology, Ranchi.</p>
2.	<p>UNIVERSITY RESEARCH DEGREE COMMITTEE (URDC)</p> <p>2.1 Constitution of the URDC The URDC shall be constituted by the Academic Council of the JUT as follows - (a) Vice-Chancellor, JUT – Chairman (b) Controller of Examinations, JUT – Member (c) Directors/Principals of the Affiliated Institutes/Colleges having Ph.D. programmes - Members (d) One Professor, one Associate Professor and one Assistant Professor from the affiliated Institutes/Colleges, nominated by the Vice Chancellor, JUT – Members. (e) Two external experts from academia or industry, who are not employees of the University, to be nominated by the Academic Council as Members. (f) Dean (Academic) JUT - Member (g) Dean (R&D) JUT – Member (h) Registrar (Academic), JUT - Member Secretary All the nominated members shall have a term of three years and shall be eligible for re-nomination.</p> <p>2.2 Meetings of the URDC (a) The meetings of the URDC shall be chaired by the Vice Chancellor, JUT with Registrar (Academic) as Member Secretary (b) The URDC shall meet twice in an academic session.</p> <p>2.3 Roles of the URDC The URDC shall be responsible for: (a) Promotion and maintenance of the high standards of research. (b) Monitoring and guiding all research programmes. (c) Identifying Research & Development thrust areas. (d) Formulation of guidelines and procedures for Research & Development. (e) Reviewing and overseeing the research activities in the departments of the University and of the affiliated colleges/institutes. (f) Evolving and implementing multi-disciplinary research programmes. (g) Constitution of Research Degree Committees (RDC)</p> <p>2.4 Functions of the URDC This committee shall – (a) Oversee the implementation of PhD Ordinances and concerned Rules and Guidelines, resolve the disputes, and accept the reports of Examiners/ Evaluation Research Board (ERB).</p>

		<p>(b) Approve names of distinguished persons recommended by the RDCs/DRCs from outside the University for guiding research work as a co-supervisor/external supervisor</p> <p>(c) Approve the appointment of a supervisor in the absence of the original supervisor(s) in the event of his/their absence due to long leave, change of institution/retirement, prolonged illness or death, on recommendation of the RDC.</p> <p>(d) Consider any other matter not expressly covered under these Ordinances.</p>
3.		RESEARCH DEGREE COMMITTEE (RDC)
	3.1	<p>Constitution of the RDC An RDC shall be constituted at the concerned Colleges/Institutes as follows –</p> <p>(a) Director/ Principal of the College/Institute - Chairman</p> <p>(b) Dean (Academic) of the College/Institute – Member</p> <p>(c) All Heads of the Departments - Members.</p> <p>(d) One Professor, one Associate Professor and One Assistant Professor (on seniority basis for a term of two years) - members</p> <p>(e) Concerned supervisor(s) - invitee</p> <p>(f) Dean (Research & Development) - Member Secretary</p>
	3.2	<p>Roles and functions of the RDC</p> <p>(a) Approve recommendations/decisions of the Departmental Research Committee (DRC) of the concerned Department.</p> <p>(b) Discuss the issues related to Ph.D. research scholars and their research work and take appropriate decisions in case of any dispute between DRC and SRC.</p> <p>(c) Take final decision for change of supervisor, inclusion of co-supervisor and/or external co-supervisor and recommend for approval to the URDC.</p> <p>(d) Approve the research proposals of the Ph.D. research scholars, received from the DRC.</p> <p>(e) Approve the modification in the topic of thesis on recommendation of DRC.</p> <p>(f) Recommend for creation of laboratory facilities, research center etc in the College/Institute for approval of the Academic Council</p> <p>(g) Take final decisions at the College/Institute level pertaining to matters/ grievances related to Ph.D. scholars or supervisors.</p> <p>(h) Constitute the Departmental Research Committees (DRC) and the Student Research Committees (SRC)</p>
4.		DEPARTMENTAL RESEARCH COMMITTEE (DRC)
	4.1	<p>Constitution of the DRC A DRC shall be constituted at the respective Department of the concerned College/Institute as follows –</p> <p>(a) Head of the Department - Chairman</p> <p>(b) Nominee of the Director/Principal of the College/Institute, a Department other than the concerned Department - Member</p> <p>(c) Two professors of the concerned Department on rotation basis for a period of two years - Members</p> <p>(d) One Associate Professor and one Assistant Professor on rotation basis for a period of two years – Member</p>

4.2	<p>Role and Functions of the DRC</p> <ul style="list-style-type: none"> (a) Take all decisions related admission/registration of PhD research scholars, monitoring of their progress reports, etc. received from the SRCs of individual students. (b) Forward to the RDC the research proposal and the topic of research of each of the research Scholar as recommended by the Student Research Committee (SRC). (c) Consider SRC's recommendation for change of supervisor in between the PhD programme and forward it to the RDC for approval. (d) Consider the recommendation regarding the modification of topic of the PhD thesis and forward to the RDC for approval. (e) Recommend the nomination of members of the SRC to the RDC. (f) Recommend the students application for the change of supervisor in between the course if felt necessary due to any valid reasons
5.	<p>STUDENT RESEARCH COMMITTEE (SRC)</p>
5.1	<p>Constitution of the SRC SRC shall be constituted for individual Research Scholar. Its constitution shall be as follows –</p> <ul style="list-style-type: none"> (a) One professor of the Department – Chairman.* (b) One Associate Professor and one Assistant Professor of the concerned department, on rotation basis for a period of two years – Members* (c) A Professor from another Department – Member* (d) Supervisor - Member Secretary (e) Co-supervisor- Member (f) External domain specific expert – Member* <p>*Shall be nominated by the Head of the Institution on the recommendation of the supervisor(s) and the DRC.</p>
5.2	<p>Role and Functions of the SRC</p> <ul style="list-style-type: none"> (a) This Committee shall recommend the appointment of co-supervisor. (b) The committee shall periodically review (every semester) the progress of the PhD research scholar, through the 6-monthly progress reports and presentation. On satisfactory progress and recommendation of the SRC the PhD research scholar shall be permitted to continue in the PhD programme. (c) Consider the research proposal submitted by the PhD Research Scholar and help him in finalizing the topic of his thesis (d) Consider and recommend the change of topic of the PhD Thesis, before the Pre PhD Submission Seminar.
6.	<p>ELIGIBILITY CRITERIA FOR ADMISSION TO PhD PROGRAMME</p>
6.1	<p>Ph.D. in Engineering/ Technology An applicant must have a Masters degree in Engineering in the relevant subject with a minimum of 55% marks or an equivalent CGPA. OR An applicant must have a Bachelor's degree in Engineering with a minimum of 75%</p>

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		<p>marks or an equivalent CGPA from a Centrally Funded Technical Institutes (CFTIs) or Centers of Excellence, including IITs and NITs.</p> <p>OR</p> <p>An applicant must have a Bachelor's degree in Engineering with a minimum of 75% marks or an equivalent CGPA and minimum 3 years of relevant industrial experience.</p> <p>A relaxation of 5% of marks shall be allowed for the candidates belonging to SC/ST/Differently-abled as per State Government/ Central Government rules. An applicant must submit a recent category certificate to avail this benefit.</p>
6.2	Ph.D. in Science and Humanities	<p>An applicant must have a Masters degree in the relevant subject with a minimum of 55% marks or an equivalent CGPA.</p> <p>A relaxation of 5% of marks shall be allowed for the candidates belonging to SC/ST/Differently-abled as per State Government/ Central Government rules. An applicant must submit a recent category certificate to avail this benefit.</p>
6.3	Ph.D. in Management	<p>(a) An applicant must have a Masters degree or equivalent in management or allied areas with a minimum of 55 % marks or an equivalent CGPA.</p> <p>OR</p> <p>(b) An applicant who has qualified for CA/CS/ICWA, with a minimum of 55 % marks or an equivalent CGPA, and wishes to pursue research in an area relevant to his qualification.</p> <p>A relaxation of 5% of marks shall be allowed for the candidates belonging to SC/ST/Differently-abled as per State Government/ Central Government rules. An applicant must submit a recent category certificate to avail this benefit.</p>
6.4	Ph.D. in Pharmacy	<p>An applicant must have a Masters degree or equivalent in Pharmacy or allied areas with a minimum of 55 % marks or an equivalent CGPA.</p> <p>A relaxation of 5% of marks shall be allowed for the candidates belonging to SC/ST/Differently-abled as per State Government/ Central Government rules. An applicant must submit a recent category certificate to avail this benefit.</p>
6.5	Candidates possessing a Degree considered equivalent to M.Phil. Degree	<p>Candidates possessing an M. Phil. or equivalent Degree, with at least 55% marks in aggregate or an equivalent CGPA, of an Indian Institution, eligible for admission to Ph.D. programme; upon approval from the URDC of JUT, Ranchi;</p> <p>Provided that his degree is from a foreign educational institution which is accredited by an Assessment and Accreditation Agency, duly approved/recognized/authorized by a statutory authority in that country for the purpose of assessing, accrediting, assuring</p>

		quality and standards of educational institutions in that country.
7.		PROCEDURE FOR ADMISSION AND NUMBER OF SEATS
	7.1	The number of seats for Ph.D. shall be notified by the University on its website and/or through news paper advertisement
	7.2	The candidates shall apply for the admission in the Ph.D. programme course in prescribed form available through the University website.
	7.3	<p>University shall admit candidates in Ph.D. through a Research Entrance Test (RET) followed by an Interview-cum-counseling.</p> <ol style="list-style-type: none"> 1. The Research Entrance Test (RET) shall be conducted by the JUT. The qualifying marks for the entrance test shall be 50%. 2. A relaxation of 5% of marks shall be allowed for the candidates belonging to SC/ST/Differently-abled as per State Government/ Central Government rules. An applicant must submit a recent category certificate to avail this benefit. The candidates who qualify the entrance test shall be called for the interview. 3. If the seats allotted for SC/ST/OBC (Non Creamy layer)/ Differently-Abled/EWS categories remain unfilled, these may be filled by candidates as per the State Government norms. 4. The following candidates shall be exempted from appearing in the written Entrance Test, if they fulfill the eligibility requirements of the qualifying examination – <ol style="list-style-type: none"> (i) Candidates who have cleared JRF/NET/SLET/GATE/CMAT examinations. (ii) Candidates selected under the Quality Improvement Programs (QIP) of the All India Council of Technical Education (AICTE) and allotted an Institution/ College affiliated to the JUT. (iii) Candidates having a Bachelor degree in Engineering from Centrally Funded Technical Institutes (CFTIs) and Centers of Excellence and having a minimum of 80% marks or equivalent CGPA. (iv) Candidates having an MPhil and equivalent degree. (v) Faculty members of the JUT affiliated and constituent colleges having at least 3 years of regular teaching experience. Preference shall be given to those having PG teaching. Preference shall also be given to candidates having published research papers in reputed journals. (vi) A candidate working in a sponsored research project (Government/ Industry) in any of the Institutes/Colleges affiliated to the JUT, provided the duration of the project is not less than 2 years. (vii) A candidate having at least 3 years of industrial experience after obtaining the requisite qualification for admission to a PhD programme. <p>However, all such candidates shall be required to appear for the interview and counseling.</p> <ol style="list-style-type: none"> 5. The syllabus of the Entrance Test shall consist of 50% of research methodology and



		50% shall be subject specific, in line with the UGC guidelines. The Entrance Test shall be conducted at the centers notified in advance by the University. An appropriate methodology for conduct the RET shall be formulated by JUT.
7.4	Direct admission without any entrance test and interview (a) A candidate, selected under Prime Ministers Research Fellowship (PMRF) scheme, as also the "INSPIRE" fellowship of the Department of Science & Technology (DST), availed at any stage during his academic career shall be directly admitted to the PhD programme without any entrance test and interview. (b) Foreign Nationals applying for a PhD programme whose applications are received through the Indian Council of Cultural Relations, Government of India, and have the required eligibility qualification shall be directly admitted to the PhD programme without any entrance test and interview.	
7.5	The admission to Ph.D. programme will normally be held twice in an academic year – during May-June for the Odd (Monsoon) Semester and during November-December for the Even (Winter) Semester.	
7.6	The interview/counseling shall be carried out by an expert committee constituted by the JUT.	
7.7	Applications of the successful candidates, along with the documents submitted by them, shall be sent by the concerned Institutes/ Colleges to the Examination section of the university for scrutiny. Pending scrutiny, the candidates shall submit duly filled in enrollment forms to the Academic section of the concerned Institute/College and pay the non-refundable prescribed fees. They will then be provisionally admitted as Ph.D. students of the University. If upon scrutiny it is found that the documents are not in order, the admission of the candidate may be cancelled.	
7.8	The University shall maintain the year-wise list of all registered Ph.D. Research Scholar on its website. The list shall include the name of the registered candidate, topic of his research, name of supervisor/co-supervisor and date of enrolment/registration.	
7.9	Each PhD Research Scholar shall register himself in person at the concerned Department/Center of the University/ concerned affiliated College/Institute in the beginning of each semester. Intimation to this effect shall be sent by the concerned Department/College/Institute to the JUT forthwith. If a research scholar does not register in the beginning of semester, his Ph.D. admission is liable to be cancelled. Cancellation of the admission can be revoked on recommendation of the SRC/RDC and approval of the DRC. In case, a research PhD Research Scholar fails to register for two successive semesters his/her admission shall be automatically cancelled.	

7.10	Reservation in admission to the PhD programme shall be governed by the State Government/ Central Government rules. Where such rules are at variance with each other, the decision of Academic Council/ Executive Council of the University shall be final.
8.	ELIGIBILITY CRITERIA FOR APPOINTMENT AS A SUPERVISOR, CO-SUPERVISOR, NUMBER OF PH.D. RESEARCH SCHOLARS PERMISSIBLE UNDER A SUPERVISOR, ETC.
	<p>(a) A regular, full time Professor/Associate Professor/Assistant Professor of the University or an affiliated College/Institution, with at least five research publications in refereed journals, can be appointed as a supervisor/co-supervisor. A teacher having a PhD degree in the relevant field and having the post PhD research/teaching experience of not less than two years shall be eligible for appointment as supervisor/co-supervisor. The Academic council of the JUT may relax the condition regarding number of refereed publications for reasons to be recorded in writing.</p> <p>(b) If a part of the work is required to be carried out at an external research center or industry, or an external expert's guidance is required for carrying out the research work, an external co-supervisor may be appointed in addition to the internal supervisor in order to facilitate the research work of the candidate. Such a person must have PhD degree in the concerned discipline and a minimum of five years of industrial experience, or five years as a regular full time faculty/scientist in a research center. The URDC shall have power to approve such an appointment on recommendation of the RDC of the concerned Institute/ College.</p> <p>(c) In order to promote interdisciplinary research, Co-Supervisor(s) may be appointed from the same or other departments of the concerned Institute/College affiliated to the University, on recommendation of the SRC and the DRC and approved by the RDC.</p> <p>(d) The concerned Department shall allocate supervisors/ co-supervisors for each of the research scholars depending on the number of scholars per Research Supervisor and the available specialization among the Supervisors.</p> <p>(e) The departments of the University and affiliated Institutes/Colleges shall take advantage of the MoUs that they are expected to have for fostering collaborative R&D work to fulfill the requirements of NIRF/NAAC/NBA/UGC etc.</p> <p>(f) A Professor, an Associate Professor and an Assistant Professor shall not be assigned more than eight, six and four Ph.D scholars, respectively. In case of a co-supervisor the weightage of this assignment shall be considered as half per candidate.</p> <p>(g) Relocation of a research scholar consequent to any pressing reason may be permitted by the URDC on case to case basis.</p>

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		<p>In such cases the research data may be permitted to be transferred to the Institute/University to which the scholar intends to relocate;</p> <p>provided all other conditions laid down in these ordinances 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.</p> <p>The research data shall not be used for another research/ new project at the new location until the ongoing research is successfully completed, the thesis is satisfactorily submitted and the Ph.D. degree has been awarded. The scholar will however give due credit to the parent guide and the institution for the part of research already done. The credit for the course work shall be transferred to the new institution for the candidate.</p> <p>Similarly, in case a research scholar relocates from other institute to the JUT or affiliated institute, the research data and the credits shall be transferred from the previous institute to the current institute.</p>
9.		<p>GUIDELINES FOR APPOINTMENT/CHANGE OF SUPERVISOR/CO-SUPERVISOR/CARETAKER SUPERVISOR</p> <p>a. A supervisor shall be appointed for each PhD research scholars from the concerned Department/College/Institute affiliated to the JUT. However, the RDC may propose an expert from the Industry/ R&D Organization/other institutes of national repute as an External Co-supervisor, if required, for a candidate. In case of inter-disciplinary area of research RDC may appoint co-supervisors from the relevant Department of the Institute.</p> <p>b. For cases where the supervisor proceeds on long leave for more than or equal to one year or has gone on lien/deputation, or leaves the institute, or retires, he may be appointed as a co-supervisor. However, if he is not interested to continue, a caretaker/ new supervisor shall be appointed by the RDC with the approval of the URDC.</p> <p>c. In case a Supervisor joins another Institute/Organization, he/she may be allowed to continue as a supervisor on recommendation of the RDC from the date of leaving the College/Institute. In case the thesis is to be submitted within one year, the Head of the department will be appointed as the caretaker supervisor. Otherwise the co-supervisor may also act as the caretaker supervisor.</p> <p>d. In case a supervisor is going to superannuate within 3 years, fresh PhD research scholars cannot be assigned to him/her.</p>
10.		<p>CATEGORIES OF THE PhD RESEARCH SCHOLARS</p>
	10.1	<p>(a) Full Time Regular PhD Scholar with financial assistance from external agency. A PhD research scholar in this category will have to work full-time for completing his Ph.D. degree requirements. He shall receive financial assistanceship/scholarship from an external funding agency.</p> <p>In case a PhD research scholar joins as JRF, he may be promoted to SRF (if such</p>

provision exists within the norms of the funding agency), subject to review and recommendation by an independent committee to be constituted by the RDC and approved by the URDC. The constitution of the committee shall be as follows:

- (i) Director/Principal of the Institute/College
- (ii) Head of the concerned Department
- (iii) An Internal expert
- (iv) An external expert
- (v) Supervisor.

(b) Full Time Regular PhD Scholar with financial assistanceship/scholarship from the Jharkhand University of Technology, Ranchi.

- (i) A limited number of scholarships will be awarded by the JUT based on merit. The merit criteria shall be decided by the JUT from time to time.
- (ii) The candidates who qualify the Research Entrance Test as well as those who have qualified any national level scholarship test, such as NET-LS and GATE etc., shall be eligible.
- (iii) The scholarship shall be awarded for a period of up to 4 years.

(c) General requirements for Full Time Regular PhD Scholars with financial assistanceship/scholarship

- (i) The candidate must score a minimum 6 SGPA in the course work in order to continue to receive the scholarship.
- (ii) The PhD research scholar shall obtain and submit a monthly satisfactory progress report from his/her Supervisor/ Co-Supervisor to continue to receive the scholarship every month.
- (iii) If a PhD research scholar fails to complete the course work within the stipulated time period, his/her fellowship shall be terminated and shall not be eligible to receive any further assistanceship/scholarship. In case of any exigency, the decision of the Academic Council and/or Vice Chancellor shall be final.
- (iv) The Students Research Committee (SRC) shall monitor the progress of the PhD research scholar and the scholarship (from the JUT or an external agency) shall be continued only upon a satisfactory report and approval of the SRC.
- (v) A PhD research scholar in this category will have to work full-time for completing his Ph.D. degree requirements.
- (vi) Under no circumstance a PhD Research Scholar shall receive financial assistanceship/ scholarship from more than one resource. If found to violate this rule, his PhD registration shall be cancelled outrightly.

10.2 Full Time Regular PhD Scholar without financial assistance/ scholarship
In case of non-availability of any financial assistance/Scholarship the candidate shall have to meet the expenditure of pursuing the PhD programme on his/her own. However, the university may consider Full/Half Tuition fee waiver for such scholars on case to case basis.

10.3 Sponsored PhD Research Scholars
A research scholar in this category is sponsored by a recognized R&D organization,

	<p>Academic Institution, Government Organization or Industry for doing Ph.D. in the University on a full-time basis. The University shall not provide any assistanceship/scholarship to such research scholars. The Research scholars in this class shall be treated as full-time candidates. It shall be mandatory for the candidate to submit an NOC from the sponsoring organisation along with the application form.</p>
10.4	<p>Foreign Nationals Applications received through the Indian Council of Cultural Relations, Government of India, are also eligible to apply under the self-financing scheme, for which applications shall be submitted through their respective embassies. Research scholars in this category shall be treated as full-time PhD Research Scholars.</p> <p>Foreign nationals may also apply directly to the JUT as full time PhD Research Scholars. However, they shall have to pay all the prescribed fees and bear all their expenses themselves or obtain from their sponsoring country.</p>
10.5	<p>Part-time PhD Research Scholars Working professional on regular employment in the relevant field may be considered for the admission under this category. S/he will not be entitled to get any financial assistantship/scholarship from the JUT. It shall be mandatory for the candidate to submit an NOC from the sponsoring organisation along with the application form. His place of employment should be within 100 km of the concerned Institute/College.</p>
10.6	<p>Conversion from Full Time to Part Time Research Scholar Category A candidate admitted as a full-time Ph.D. Research Scholar category may be permitted to change to the part time Ph.D. Research Scholar category under special circumstances.</p> <p>A PhD Research Scholar requesting for such a conversion must have completed the coursework successfully, passed the comprehensive examination, and presented the Synopsis of his proposed research work.</p> <p>Such scholars shall have to get their request recommended by the supervisors and Head of the concerned Department and also produce a No Objection Certificate from the Head of the Institution/Organization, which s/he proposes to join. Such conversion shall be duly approved by the URDC of the JUT and will be subject to the following conditions –</p> <ul style="list-style-type: none"> (a) Provision of conversion from full-time to part-time status can be availed only once by the Research Scholar during his/her programme. (b) His/her continuation on part-time status will be subject to his/her making satisfactory progress towards completing the Ph.D. thesis which shall be evaluated by the SRC every semester. (c) Such part time research scholars will not be entitled for any kind of scholarship/assistanceship from the JUT. (d) Once the status of a PhD scholar is changed from Full Time to Part Time, any

		financial scholarship/assistanceship shall no longer be tenable.
10.7		<p>A Full Time PhD research scholar, may leave the University for taking up teaching or any other assignments, may be permitted to do so by the RDC with the approval of the URDC if his thesis is due to be submitted within six months.</p> <p>In case he is not able to submit his thesis within 6 months, he shall have to convert his PhD status from Full Time to Part Time category, failing which his registration may be cancelled.</p>
10.8		<p>Residential requirement for Ph.D. Research Scholars</p> <p>All research scholars shall have to attend full time classes in the concerned university/college/institute in order to complete their course work, comprehensive examination and successful presentation of synopsis of the proposed research work</p> <p>The Full Time research scholars shall have to take teaching assistantship as per UGC rules. Such scholars shall remain present in the concerned university/institute/college on every working day, unless they are on a permitted leave of absence or on a permitted research assignment.</p> <p>The Part Time research scholars shall remain present in the concerned university/institute/college on every working day until at least completion of the course work. During this period they shall have to take teaching assistantship as per the rule of the university/institute/college.</p>
11.		DURATION OF THE PROGRAMME
		<p>The minimum duration of the Ph.D. programme, reckoned from the date of admission up to the final submission of the thesis, shall be three years, including the course work. The maximum duration will be six years for full time PhD research scholars and seven years for the part time PhD research scholars. If a research scholar fails to submit his thesis within the prescribed period, he may apply for re-registration otherwise, the registration shall automatically be cancelled. In case the supervisor is changed anytime during the PhD programme, the duration of the programme can be extended upon approval from the URDC to make up the lost time due to this reason.</p>
12.		LEAVE RULES
12.1		<p>A PhD Research Scholar may take a maximum of 30 days personal leave, including medical leave, in an academic year such that not more than 20 days of leave are taken during a semester. No summer/winter vacation or any other kind of break shall be applicable for the Phd research scholars.</p> <p>Leave not availed in during an academic year will not be carried over to the next academic year. Prefixing and suffixing of the statutory holidays will be as per the existing leave rules of the University.</p>
12.2		<p>A PhD Research Scholar may be granted maternity/paternity leave as per government norms. Such leave can be combined with any other leave due and will not entail any loss</p>

		of financial assistantship.
12.3		<p>Absence without sanctioned leave will entail loss of financial assistanceship for the period of absence, and may result in the termination of the student's PhD registration on the recommendation of the RDC and approval of the URDC.</p> <p>The provisions of clause 12.1 and 12.2 shall also be applicable to the PhD research scholars who are pursuing the PhD programme without any financial assistance. Any unauthorized leave may result in the termination of the registration of the scholar's registration in the PhD programme, on the recommendation of the RDC and approval of the URDC.</p>
12.4		In order to obtain leave on medical grounds, a medical certificate must be obtained from the University/College/Institute's medical officer, or from a registered medical practitioner.
13.		<p>COURSE WORK</p> <p>A research scholar immediately after admission in the Ph.D. program has to undertake the course work. He shall have to register for each of the courses during the beginning of the semester.</p> <p>All Ph.D. research scholars will be required to complete the course work within a period of two semesters (One year from the date of registration for the PhD programme).</p> <p>The course work shall be of total 16 credits. However, the research scholars who have taken admission in the PhD programme directly after the B Tech degree, shall be required to complete 28 credit courses.</p> <p>The course work on Research Methodology (4 credits) shall be mandatory for all research scholars as per UGC rules. The total credit requirement shall be inclusive of this course.</p>
13.1		<p>Each scholar should obtain at least 50% of marks or equivalent CGPA in the course work for final registration in the Ph.D. program.</p> <p>Within six months of successful completion of course work, the candidate shall submit his/her research proposal and give a presentation to the SRC.</p>
13.2		A maximum of two theory courses may be offered through MOOCS/NPTEL/SWAYAM in addition to class room instructions, to be decided by the SRC as per the specific requirement for course work of the PhD research scholar.
13.3		The above course work is the minimum requirement for the submission of the Ph.D. thesis. The Supervisor may assign additional courses work to the research scholar if required.

14.	EVALUATION AND ASSESSMENT METHODOLOGY												
14.1	<p>Distribution of Marks</p> <p>In each semester the Theory marks of each subject shall be distributed as follows –</p> <table border="1"> <tr> <td>End Semester Examination</td><td>60 MARKS</td></tr> <tr> <td>Internal Assessment</td><td>40 MARKS</td></tr> </table> <p>The Internal Assessment (Theory) will be conducted by respective Institute/ College and shall be distributed as follows –</p> <table border="1"> <tr> <th>Internal Assessment</th><th>Marks</th></tr> <tr> <td>Mid Semester Exam</td><td>20</td></tr> <tr> <td>Class Test, Quizzes and Assignment</td><td>20</td></tr> <tr> <td>Total</td><td>40</td></tr> </table>	End Semester Examination	60 MARKS	Internal Assessment	40 MARKS	Internal Assessment	Marks	Mid Semester Exam	20	Class Test, Quizzes and Assignment	20	Total	40
End Semester Examination	60 MARKS												
Internal Assessment	40 MARKS												
Internal Assessment	Marks												
Mid Semester Exam	20												
Class Test, Quizzes and Assignment	20												
Total	40												
	Pre-Requisites for Submission Of Thesis												
14.2	Each PhD research scholar shall prepare a 6-monthly progress report once every semester and submit to the SRC. The satisfactory progress report of the scholar shall be a pre-requisite for admission to the next semester.												
14.3	In case the progress of the research scholar is not satisfactory the SRC shall suggest corrective measures. If the research scholar fails to implement these corrective measures, the SRC may recommend cancellation of the registration of the research scholar, specifying the reasons thereof, to the RDC/DRC which shall be duly forward the same to the URDC.												
14.4	Prior to submission of the thesis, the Research Scholar shall make a pre Ph.D. presentation of the thesis before the SRC of the concerned Department. The presentation shall be open to all the faculty members and research scholars, so as to obtain their feedback and comments. These feedbacks and comments may be suitably incorporated into the draft thesis under the advice of the SRC. The thesis shall be submitted within three months from the date of pre-Ph D presentation. Only in extraordinary cases the Vice Chancellor may extend the time of submission on the recommendation of SRC/DRC/RDC/URDC for a maximum of another three months.												
14.5	Prior to pre Ph.D. presentation of the thesis the candidate must ensure that minimum of two of his research papers have been accepted/published in SCI/SCIE/SSCI/ SCOPUS indexed Journals. The Supervisor must certify to the SRC in a prescribed format that these research papers form a substantive part of the Ph.D. thesis of the concerned PhD Research Scholar.												
14.6	Every Ph.D. Research Scholar shall submit his draft thesis to the Librarian of the												

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	<p>concerned college library for plagiarism check. The librarian shall check the thesis using an official licensed Anti-Plagiarism software provided by the University/ College/ Institute and issue a Plagiarism Evaluation Certificate, stating the percentage of similarity. This certificate shall be attached with the PhD thesis.</p> <p>Not more than 10% similarity shall be accepted.</p>
14.7	The thesis shall also include in prescribed format, an undertaking from the research scholar and a certificate from the PhD research supervisor(s) attesting the originality of the work, and that the work has not been submitted for the award of any other degree.
14.8	On request of the candidate and/or suggestion of the Supervisor(s), duly forwarded and recommended by the concerned SRC/DRC/RDC, the URDC may allow modification in the topic of the PhD thesis.
14.9	On the request of the candidate the supervisor shall notify to the SRC and shall forward two copies of the Synopsis of the thesis for pre Ph.D. presentation.
14.10	<p>Submission of thesis for pre Ph.D. presentation</p> <p>After the candidate has fulfilled all the necessary requirements for the submission of his/her thesis, he/she shall supply two spiral bounded printed or typewritten copies of the thesis along with softcopies (CD) of his/her thesis. He shall also submit two copies of the synopsis of the thesis.</p>
14.11	<p>PANEL OF EXAMINERS</p> <p>a. The supervisor of the candidate will suggest names of eight external experts through the SRC. At least three of these experts must be from outside the state (preferably IITs/ NITs & centrally funded Institutions). He shall also provide their address, mobile number and email id. The supervisor shall give a certificate to the effect that the names suggested in the panel are not relatives of the supervisor or of the candidate.</p> <p>b. If the supervisor fails to suggest/ provide the panel of Examiners within one month after the submission of thesis in the University, the Vice Chancellor may draw the panel in consultation with respective Dean/ Head of the Department. The panel prepared by the supervisor, duly signed by the members of the SRC, shall be sent through the Director/ Principal of the concerned Institute/College to the Controller of Examinations, JUT, in a sealed cover. The Vice Chancellor may add more names of the subject experts in the panel, if required. The Vice-Chancellor will appoint two Examiners from the panel to whom the thesis shall be referred to for evaluation.</p> <p>c. The thesis submitted by the PhD scholar shall be referred by the JUT for evaluation to the two external examiners appointed by Vice-Chancellor.</p>
14.12	<p>Evaluation</p> <p>a. The examiners shall send their reports within three months of the receipt of the thesis, to the Controller of Examinations of the JUT marked "Confidential" in a sealed envelope. If, the reports are not received within four months, the Vice</p>

Chancellor may, send the thesis for evaluation to another examiner from the panel.

- b. Each of the examiners will categorically state whether in his opinion:
 - i. Thesis should be accepted for the award of Ph.D. Degree in its present form; OR
 - ii. Thesis should be accepted for the award of Ph.D. Degree with corrections; OR
 - iii. It should be referred back to candidate for revising the thesis form in light of the examiners comments and re-submitted to the examiner for evaluation; OR
 - iv. It should be rejected. In such case the examiner shall state reasons for rejection.
- c. If both the examiners in the panel have accepted the thesis, the candidate shall present himself for the viva-voce examination before the Evaluation Research Board.
- d. In case the thesis has been rejected by one of the PhD thesis examiner then VC shall appoint another expert from the panel as the external PhD Thesis examiner and the thesis shall be sent to him for evaluation. If this third examiner also rejects the thesis, the PhD thesis shall be deemed as rejected.
- e. In case one of the examiners has accepted the thesis, while the second has opined that it may be accepted with corrections, the candidate shall make necessary correction, intimate the same to his supervisor and present himself for the viva-voce examination before the Evaluation Research Board. He shall specify on a separate sheet the revisions/corrections made in the PhD thesis and submit to the Evaluation Research Board. The Evaluation Research Board will ensure that has made all revisions/ corrections/ modifications in the thesis as indicated by the PhD thesis examiner(s) and details provided by the candidate to the ERB
- f. In case one of the examiners has accepted the thesis, while the second examiner thesis is referred back to the candidate for revising the thesis, the candidate shall make necessary revisions in the light of the examiners comments resubmit to the examiner for re-evaluation. In case the re-submitted thesis is rejected then the VC shall appoint another expert from the panel as the external PhD thesis examiner and the thesis shall be sent to him for evaluation. If this third examiner also rejects the thesis, the PhD thesis shall be deemed as rejected.
- g. In case the thesis is rejected, the candidate can get himself registered afresh on the same subject and resubmit his/her thesis after removing the deficiencies. The thesis shall be resubmitted within one year, but not earlier than six months, from the date of such permission, along with the prescribed fee. The thesis so re-submitted shall be sent to the same panel of examiners including the third examiner, if any, who evaluated the original thesis. In case any one of the examiners expresses inability to do so, the Vice-Chancellor shall appoint another external examiner from the panel.
A Candidate shall not be allowed to re-submit his thesis more than once.

Evaluation Research Board and Viva-Voce Examination

- a. The Evaluation Research Board shall comprise of the members of the SRC and one of the PhD Thesis external examiners. The Vice Chancellor shall nominate one of the

		<p>PhD Thesis external examiners, who had evaluated the thesis, for the viva-voce examination. In case none of the two external examiners are available for the purpose of viva-voce examination, then the Vice Chancellor may appoint another examiner from the panel of experts recommended by the supervisor at the time of thesis submission.</p> <p>b. PhD degree shall be awarded on the recommendation of the Evaluation Research Board.</p> <p>c. It shall be mandatory for the scholar to submit hard bound copies of the thesis in the final form before the Evaluation Research Board.</p> <p>d. If upon the viva-voce examination, the Evaluation Research Board recommend for rejection of the thesis, the thesis shall be rejected and the PhD degree shall not be awarded.</p>
	14.13	A PhD Research scholar whose thesis is rejected shall not be registered again for Ph.D. degree with same topic.
	14.14	<p>Viva voce examination</p> <p>The date of viva voce shall be fixed by the Controller of Examination in consultation with the PhD thesis examiner nominated by the VC for this purpose. The viva voce shall be open to open to all the faculty members, research scholars and other interested experts/researchers.</p> <p>Different colour codes shall be allocated by the JUT to be used for the cover page of the hard bound thesis for PhD in Engineering, Ph.D. in Science and Humanities, Ph.D. in Management and Ph.D. in Pharmacy</p>
	14.15	The recommendation of the Evaluation Research Board shall be placed before the URDC for award of the PhD degree.
15.		SUBMISSION OF THESIS
		<p>a. The final hardbound thesis shall be submitted at the time of the viva-voce examination.</p> <p>b. The thesis should be preferably in English. In case it is proposed to submit the thesis in any other language, prior approval from the Academic Council shall be obtained.</p> <p>c. A 'No Dues Certificate' from all the concerned departments of the University/Institute/college at the time of submission of the thesis.</p> <p>d. The Research Scholar shall submit three hard bound copies of the final thesis to the Controller of Examinations after the viva-voce examination and obtain a thesis submission receipt. The Controller of Examination shall send one copy of the concerned Department of the concerned University/college/institute, one copy to the library of the college and one copy to the university library.</p>

16.		Depository with INFLIBNET
16.1		After the award of the Ph.D. degree, the University shall submit an electronic copy of the Ph.D. thesis to the INFLIBNET, for hosting the same
16.2		Prior to the actual award of the degree in a convocation, the JUT shall issue a Provisional Certificate certifying to the effect that the thesis has been provisionally accepted for the award of Degree in accordance with the UGC Regulations, 2016.
17.		Copyright of the Thesis The copyright of the thesis shall rest with the PhD Research Scholar.
18.		Jurisdiction A PhD Research Scholar shall be under the general disciplinary control of the concerned Department. Any legal dispute shall be under jurisdiction of the Courts at Ranchi.

****Any reference to He/His shall also mean She/Her.**

ANNEXURES: STANDARD FORMATS OF VARIOUS FORMS ARE GIVEN BELOW –

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Application for Courses to be Completed

Jharkhand University of Technology, Ranchi

- A.1 Name of the Ph.D. candidate _____ Enrollment No. _____
2. Department/Centre (I) _____ (II) _____
(Where Enrolled) (Where Working)
3. Date of Initial Registration _____
4. Category : FTRS (IARS/EFRS/ISERS) / PTRS (P-ISIRS/P-ISERS)
5. Proposed Area of Research _____

B.1. Total No. of Credits to be completed (As per Regulation R.3.3 Table 1) : _____

2. Courses proposed to be completed [Seminar is compulsory, even if courses are waived-off]

Bemester	Session	PG Course No.	Title	Credits	Remarks
		____ - 700	Seminar	02	

(Note: Relaxation in course credit requirement is admissible as per Rule R.3.2)

3. Certified that the courses as mentioned above have not been taken by me during earlier studies leading to graduate/post-graduate degrees.

Dated: _____

Signature of Ph.D. candidate

Sign C.1 if SRC has been constituted, otherwise C.2

C.1 SRC discussed candidate's educational background, research area and credit requirements and approved the contents as mentioned under point-B.

Member SRC

Member SRC

Supervisor-1

Supervisor-2

Supervisor-3

Chairperson, SRC

C.2 Recommended as above

Chairperson, DRG/CRC

HEAD OF THE DEPARTMENT/CENTRE

DATED:

FOR USE OF ACADEMIC AFFAIRS OFFICE

Checked and found okay as per Regulation / Revision is requested under

Dealing Asst./Junior Supdt./Supdt.

AR (Evaluation)/ DR (Academics)

Certificate from Supervisor

Jharkhand University of Technology, Ranchi

1. Name of the Ph.D. student:
2. Name of the Department / Centre:
3. Title of the Thesis:
4. Date of Thesis Defense:
5. It is to certify that :

(A) Ms./Mr. _____, Enrollment No. _____
has incorporated all the modifications/ corrections pointed out by the examiners, as
accepted by her/him, in the final submitted thesis.

(B) The modifications/ corrections suggested during the Presentation and Viva-Voce
Examination have been incorporated in the final submitted thesis.

Supervisor(s)

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Final Report of SRC

Jharkhand University of Technology, Ranchi

1. Name of the Ph.D. student
(English) _____ Enrollment No.: _____
(Hindi) _____
2. Department/Centre: (i) _____ (ii) _____
(Where Enrolled) (Where Working)
3. Category : FTRS (IARS/EFRS/ISERS) / PTRS (P-ISIRS/P-ISERS)
4. Name (s) of the Supervisor (s) 1. _____
2. _____
3. _____
5. Date of Initial Registration _____ Extension (s), if any _____
6. Date of Candidacy _____
7. Date of Final SRC _____
- * 8. Earned Credits/Units upto previous semester (at least 48 credits/ 24 units should be earned) : _____
9. Whether the candidate's Research Paper(s) have been published (accepted for publication) in a peer reviewed journals/International Conference as per Rule R.6.2 of the regulations: YES /NO
Journal(s): _____ Int. Conference(s): _____
If not reasons therefore _____
10. Recommendation of the Student Research Committee
(a) (i) Work is satisfactory and recommended for submission YES /NO
(ii) Final title of the thesis is as below:
In English (In Capital Letters) _____

In Devanagari _____

(b) Recommended list of Examiners
(covering geographical locations across globe) **LIST ATTACHED**

* For all students, except those who have completed candidacy requirements and progress report has been communicated after candidacy as satisfactory/ unsatisfactory.

Signature of SRC members:

- (b) (i) Work is not adequate. Student may make presentation after _____ months.
(ii) Attach suggestions of SRC members.
- (c) Draft thesis submitted 07 days before presentation to members (Rule R.6.2): **YES**
- (d) Likely submission date of thesis: _____
(Note: The student should submit the final thesis within four months of the SRC meeting. (Rule R.6.2))

SRC certifies that the examiners are actively involved in Research. Supervisor has contacted the proposed examiners regarding their willingness to act as an examiner, if approached.
The student has submitted one copy of synopsis in paper and electronic version (C.D.)

Member, SRC

Member, SRC

Supervisor-1

Supervisor-2

Supervisor-3

Chairperson, SRC

Chairperson, DRG/GRC

HEAD OF THE DEPARTMENT/CENTRE

DATED:

(Note: All members of SRC should sign on each page of the Final report & list of Examiners.)

FOR USE OF ACADEMIC AFFAIRS OFFICE

1. Recommendations on submission of thesis may be accepted / cannot be accepted due to _____
2. Board of Examiners may please be appointed.

Dealing Asstt./Junior Supdt./Supdt.

AR (Evaluation)/ DR (Academics)

APPROVED & BOARD APPOINTED / NOT APPROVED

DEAN OF ACADEMIC AFFAIRS



(a) **Panel of Examiners [Covering geographical regions across globe]**

1. Name _____ Telephone No. _____
Designation _____ E-Mail Address _____
Address _____
2. Name _____ Telephone No. _____
Designation _____ E-Mail Address _____
Address _____
3. Name _____ Telephone No. _____
Designation _____ E-Mail Address _____
Address _____
4. Name _____ Telephone No. _____
Designation _____ E-Mail Address _____
Address _____
5. Name _____ Telephone No. _____
Designation _____ E-Mail Address _____
Address _____
6. Name _____ Telephone No. _____
Designation _____ E-Mail Address _____
Address _____
7. Name _____ Telephone No. _____
Designation _____ E-Mail Address _____
Address _____
8. Name _____ Telephone No. _____
Designation _____ E-Mail Address _____
Address _____

Member, SRC

Member, SRC

Supervisor(s)

Chairperson, SRC

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Finalization of Supervisors

Jharkhand University of Technology, Ranchi

1. Name of Ph.D. candidate and Department/Centre:
2. Date of Registration:
3. Category : FTRS (IARS/EFRS/ISERS) / PTRS (P-ISIRS/P-ISERS)
(FTRS: Full Time Research Scholar; IARS: Institute Assistantship Research Scholar; EFRS: Externally Funded Research Scholar; ISERS: In-Service External Research Scholar; PTRS: Part Time Research Scholar; P-ISIRS: In-Service Internal Research Scholar; ISERS: In-Service External Research Scholar)
4. Proposed Area of Research:
5. Name, Designation, Department/Organization of Supervisor
 (i) Supervisor-1: Designation:
 Department: Date of Retirement:
 (ii) Supervisor-2: Designation:
 Department: Date of Retirement:
 (iii) Supervisor-3 (from outside Institute if any):
 Designation: Organization:
 (Note 1: Consent of supervisor and NOC from Organization are mandatory, if Supervisor is from outside Institute.)

Signature of Ph.D. candidate

6. Specified research area of supervision in case of Joint Supervision
 (Attach separate sheet with proper justification)
7. Particulars of Proposed Supervisor(s):

Name & Designation	No. of students being supervised including candidate(s) of other institution(s), excluding this student						Signature of Supervisor (s)
	Single			Jointly			
	With ITR Assistantship	Without ITR Assistantship	Other Institutions	With ITR Assistantship	Without ITR Assistantship	Other Institutions	

Signature of the Supervisor(s)

Recommended based on student and
Faculty choice

Approved and Forwarded/Not Approved

Chairperson, DRC/CRC
DATED:

HEAD OF THE DEPARTMENT/CENTRE

Note 2: The Proforma is to be sent to Academic Affairs Office for record.

FOR USE OF ACADEMIC AFFAIRS OFFICE
Checked and found okay as per Regulation / Revision is requested under

Dealing Asstt./Junior Supdt./Supdt.

AR (Evaluation)/ DR (Academics)

Notification for Comprehensive Examination

Jharkhand University of Technology, Ranchi

DEPARTMENT /CENTRE: _____

The comprehensive examination/ research plan presentation of
Mr./Ms. _____ Ph.D. candidate, Enrollment No. _____

in this Department/centre will be held as follows:

A' Comprehensive examination:

1. Date _____ 2. Time _____

3. Venue _____

B' Research Plan presentation:

1. Date _____ 2. Time _____

3. Venue _____

CHAIRPERSON, SRC

Copy through email to: All members of SRC

CHAIRPERSON, SRC

* **Note:** Separate notification is to be issued for comprehensive examination/ research plan presentation. Please delete whichever is not applicable. The two examinations should be conducted with reasonable gap in-between. Departments/Centres shall have clearly defined procedure regarding the format and evaluation of the comprehensive examination in respective specializations.

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Progress and Performance Report

Jharkhand University of Technology, Ranchi

A. PROGRESS REPORT

1. Name of the Ph.D. student: _____ Enrollment No.: _____
2. Department/Centre: (i) _____ (ii) _____
(Where Enrolled) (Where Working)
3. Category : FTRS (IARS/EFRS/ISERS) / PTRS (P-ISIRS/P-ISERS)
4. Date of Initial Registration: _____
5. Date of Candidacy (if applicable): _____
6. Brief report of the work (Please attach separate sheet)
7. Date of Presentation/ Sessional Seminar presentation in front of SRC : _____
8. Any other information regarding work done: _____

Dated: _____

Signature of Student _____

B. PERFORMANCE REPORT AND RECOMMENDATIONS FROM DEPARTMENT /CENTRE

PERIOD: From _____ To _____

(a) (i) For students who completed Candidacy and submitted Progress Report by May 30, 2019:

OR

If still Candidacy is not completed:

Satisfactory /Unsatisfactory

(ii) For students who completed Candidacy after May 30, 2019:

Units Earned as Satisfactory after candidacy:

Full Time: upto SIX units

Write Units in box

Part Time: upto FOUR units

Write Units in box

(b) Attach a copy of warning issued after last report, if performance was not as expected.

Remarks, if any: _____

Member, SRC

Member, SRC

Supervisor-1

Supervisor-2

Supervisor-3

Chairperson, SRC

Chairperson, DRC/CRC

Head of the Department/ Centre

Date: _____

FOR USE OF ACADEMIC AFFAIRS OFFICE

Recommendation submitted for consideration / _____

Dealing Asstt./Junior Supdt./Supdt.

AR (Evaluation)/ DR (Academics)

DEAN OF ACADEMIC AFFAIRS

Report of Oral Defence Committee

Jharkhand University of Technology, Ranchi

REPORT OF THE VIVA-VOCE EXAMINATION FOR THE AWARD OF Ph.D. DEGREE

1. Name of the Ph.D. student:
2. Name of the Department / Centre:
3. Title of the Thesis:
4. Date of Submission of the Thesis: 5. Date of Thesis Defense:
6. Ph.D. student has submitted her/his responses to the questions raised by the examiners: YES
7. ODC report on Viva-Voce Examination:

The Presentation and Viva-Voce Examination of the Ph.D. student has been conducted. The examination board has put to him/her all the questions raised by the thesis examiners in their reports. Based on the responses given by the Ph.D. student the members of the examination board are:

(A) Satisfied with the performance of the Ph.D. student and recommend that the Ph.D. student be awarded Ph.D. Degree.

OR

(B) Of the opinion that the Ph.D. student be asked to undergo another Viva-Voce Examination for the reasons given below:

- (i) The Ph.D. student is not sufficiently acquainted with the area of this research.
- (ii) The Ph.D. student has not shown a capacity for critical examination.
- (iii) The Ph.D. student does not appreciate the implications of his/her work.

The members of the board certify that the modification/correction suggested by the examiners before the viva-voce examination and accepted by Ph.D. student have been incorporated in the thesis.

1.....
(Name & Signatures)

2.....
(Name & Signatures)
Supervisor(s)

3.....
(Name & Signatures)

Chairperson, SRC

External Examiner

Chairperson, ODC/CRC

Head of the Department / Centre

Dated :

Note: Attach Supervisor(s) certificate before sending the report to Academic Affairs Office.

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Report of Comprehensive Examination and Recommendation for Candidacy
Jharkhand University of Technology, Ranchi

1. Name of the Ph.D. candidate: _____ Enrollment No.: _____
2. Department/Centre: (i) _____ (ii) _____
(Where Enrolled) (Where Working)
3. Category: FTRS (IARS/EFRS/ISERS) / PTRS (P-ISIRS/P-ISERS)
4. Report of Comprehensive Examination:
 Date of Examination: _____
 Result of Examination: Pass / Fail / To reappear after _____ months
 Remarks, if any: _____
5. **CANDIDACY FOR PH.D. DEGREE**
 (i) Date of presentation of Research Proposal: _____
 (ii) Has the candidate completed review work in his/her area of research: **YES / NO**
 (iii) The SRC considered the research proposal entitled _____

(Copy attached, in single space, Times New Roman 10 Font size, 12 pages both side print)
 (iv) The research proposal is: **Recommended /Not Recommended**
 (v) Attach list of possible peer reviewed Journals/ International Conferences in proposed area of research.
6. **PERFORMANCE AND RECOMMENDATION FROM DEPARTMENT/CENTRE**
 (a) Performance upto the date of research proposal: **Satisfactory /Unsatisfactory**
 (b) Recommended for candidacy: **YES /NO**

Member, SRC

Member, SRC

Supervisor-1

Supervisor-2

Supervisor-3

Chairperson, SRC

Dated: _____ Signature of Chairperson DRC/CRC _____ Head of the Department/Centre _____

FOR USE OF ACADEMIC AFFAIRS OFFICE

Recommendation of the Department/Centre are submitted for consideration.

Dealing Asstt./Junior Supdt./Supdt.

AR (Evaluation)/ DR (Academics)

APPROVED/ NOT APPROVED

DEAN OF ACADEMIC AFFAIRS

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Request for Comprehensive Examination

Jharkhand University of Technology, Ranchi

CHAIRPERSON, SRC

Department / Centre _____

Through: SUPERVISOR(s)

I have earned the required number of credit(s) as per Rule R.3.3 after taking the following courses as approved by SRC.

Sl. No.	PG Course No.	Title	Semester/ Session	Credit(s) Earned	Grade Obtained
1.	700	Seminar			
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
CGPA					

Note: (i) Self attested photocopies of the grade cards for pre-Ph D. courses are enclosed.

(ii) Student has to complete all requirements for Candidacy within stipulated period as per Rule R.4

It is requested that my comprehensive examination may kindly be arranged.

Date: _____

Signature _____

Name of Candidate _____

Forwarded

Enrollment No. _____

Supervisor-1

Supervisor-2

Supervisor-3

The comprehensive examination may be fixed on _____

The syllabus for the comprehensive examination as approved by SRC is enclosed.

Chairperson, SRC

FOR USE OF ACADEMIC AFFAIRS OFFICE

Checked and found okay as per Regulation / Revision is requested under

Dealing Asstt./Junior Supdt./Supdt.

AR (Evaluation)/ DR (Academics)

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Seminar Report

Jharkhand University of Technology, Ranchi

1. Name of the Ph.D. candidate : _____
2. Enrollment No.: _____
3. Session: _____ 4. Semester (Autumn/Spring): _____
5. Department/Centre: (I) _____ (II) _____
(Where Enrolled) (Where Working)
6. Category : FTRS (IARS/EFRS/ISERS) / PTRS (P-ISIRS/P-ISERS)
7. Title of Seminar : _____

8. Course Credit : _____ 9. Grade Points Obtained: _____
10. Date on which seminar was delivered : _____
11. Proficiency in English : Satisfactory /Unsatisfactory
12. A course on Communication Skills is required : YES /NO

Member SRC

Member SRC

Supervisor-1

Supervisor-2

Supervisor-3

Date: _____

Signature of Chairperson, SRC

Forwarded to Academic Affairs Office

Signature of Head of the Department/Centre

FOR USE OF ACADEMIC AFFAIRS OFFICE

Checked and found okay as per Regulation / Revision is requested under

Dealing Asst./Junior Supdt./Supdt.

AR (Evaluation)/ DR (Academics)

Special SRC Recommendation

Jharkhand University of Technology, Ranchi

1. Name of the Ph.D. student: _____ Enrollment : _____
2. Department/Centre: (i) _____ (ii) _____
(Where Enrolled) (Where Working)
3. Category: FTRS (IARS/EFRS/ISERS) / PTRS (P-ISIRS/P-ISERS)
4. Title of Research (In English): _____

5. Name of Supervisor(s): (i) _____
 (ii) _____
 (iii) _____

6. Date of Initial Registration: _____ Date of Candidacy: _____

7. Is the meeting held for Mid Term Review? **YES / NO**
 Period of Performance for Review: From _____ to _____
 Reason of Mid Term Review _____

[Attach detailed report]

8. Is it a Special Student Research Committee Meeting? **YES / NO**
 (A) Is there a change in topic? **YES / NO**
 Revised Topic if YES
 (In English) _____

Justification: _____

- (B) Is there a change of Supervisor(s)? **YES / NO**
 Addition of Supervisor(s) _____ Date of Retirement: _____
 Deletion of Supervisor(s) _____

(Enclose Bio-data and consent of proposed supervisor and NOC from Organization in case of other than ITR)

Following information is required if proposed additional supervisor is from ITR

Name & Designation	Deptt./Center/ Organization	No. of Students Supervising Excluding this Student and Including candidate of other institution(s)						Signatures of Supervisor
		Single			Jointly			
		With ITR Assistantship	Without ITR Assistantship	Other Institutions	With ITR Assistantship	Without ITR Assistantship	Other Institutions	

Enclose detailed justification in case of joint supervision or deletion of supervisor

- (C) Is there change of SRC member(s)? **YES / NO**
 New SRC Member(s) _____ (Chairperson/member) Department _____
 Old SRC Member(s) _____ (Chairperson/member) Department _____

DEAN OF ACADEMIC AFFAIRS

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- (D) Whether a case of probation due to course work requirement YES / NO
If YES, New Courses recommended: _____
- (E) Whether a case of up-gradation from JRF to SRF YES / NO
Date of Assessment for up-gradation: _____
Recommendation for up-gradation: _____ Recommended/ Not Recommended
(in case of recommended) Effective date of SRF: _____
(in case of not-recommended) Date of Re-assessment for SRF: _____
(Note: Assessment for JRF to SRF up-gradation shall preferably be arranged within 04 weeks of the due date of conversion i.e. after 02 years period as JRF).
- (F) (i) Semester Withdrawal on medical ground / Re-registration YES / NO
(ii) Temporary Withdrawal from Ph.D. programme (as per Rule R.8.3) YES / NO
Withdrawal period From: _____ To: _____
Reason: _____
- (G) Whether a case for extension of time after 05/06 years: YES / NO
Full-Time Research Scholars: (i) Upto 5.5 years ☐ (ii) Upto 06 years ☐
Part-Time Research Scholars: (i) Upto 6.5 years ☐ (ii) Upto 07 years ☐
Provide following details while making the above request:
Due date of submission _____ Previous extension, if any _____
Date of Proposed extension _____
Reason: _____
- (H) Continuation of assistantship: (i) For 5th year ☐ (ii) Upto viva-voce examination ☐
- (I) Any Other: _____

Member, SRC

Member, SRC

Supervisor-1

Supervisor-2

Supervisor-3

Chairperson, SRC

Chairperson, DRC/CRC

HEAD OF THE DEPARTMENT/ CENTRE

DATED: _____

FOR USE OF ACADEMIC AFFAIRS OFFICE

The recommendations of the Department/Centre are submitted for consideration / _____

Dealing Asstt./Junior Supdt./Supdt.

AR (Evaluation)/ DR (Academics)

APPROVED/ NOT APPROVED

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Specifications for Thesis

Jharkhand University of Technology, Ranchi

1. The thesis shall be printed on 21 cms. × 28 cms. size Executive Bond paper of 100 GSM or more.
2. The thesis shall be printed on both sides of a paper with line spacing as 1.5 and with a margin of 3.5 cms on the left, 2.5 cms on the top and 1.25 cms on the right and bottom.
3. The thesis must contain the following copyright certificate in the beginning of the thesis, on a separate page on the left side:

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4. In a thesis, the title page should be given first, then the certificate by the candidate and the supervisor(s) followed by an abstract of the thesis not exceeding 1500 words alongwith keywords. This should be followed by acknowledgement and a table of contents.
5. The references should be given at the end of the thesis preferably in alphabetic order of the authors' last name. These references should be listed giving (i) the author's name and initials (ii) year of publication (iii) the title of the paper or the name of the book (iv) name of journal or the publisher (v) the number of volume and page numbers. Standard abbreviations may be used in the names of the journals.
6. In the body of the text, a reference should be indicated by name of author followed by year.
7. The diagrams should be all in ink or should be printed on a light background. Tabular matter should be clearly arranged. Decimal points may be indicated by a full-stop.
8. The thesis shall be spiral bound at the time of initial submission.
9. After the viva-voce examination the thesis shall be submitted in hard bound. The thesis shall be bound in card sheet paper of 18.6 kg. weight (size 22 cms × 29 cms) in green colour. The name of the candidate, Enrollment No., the degree and the year shall be printed in bold on the cover and Name, Enrollment No. and Year in gold on the bound edge.

Note: Soft copy of the thesis on R-CD should also be submitted after final viva-voce examination.

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Declaration by Student and Supervisor(s)

(To be included in the main body of the thesis)

Jharkhand University of Technology, Ranchi

STUDENT'S DECLARATION

I hereby certify that the work presented in the thesis entitled

.....

is my own work carried out during a period from to under the supervision of

The matter presented in the thesis has not been submitted for the award of any other degree of this or any other Institute.

Dated: _____

Signature of the Student

SUPERVISOR'S DECLARATION

This is to certify that the above mentioned work is carried out under my supervision.

Dated: _____

Signature of Supervisor(s)

Student Research Committee (SRC)

Jharkhand University of Technology, Ranchi

The SRC shall be constituted as soon as the supervisor is finalized. Information shall be sent to Academic Affairs Office.

1. Name and Department of Ph.D. candidate:
2. Date of Registration:
3. Category: FTRS (IARS/EFRS/ISERS) / PTRS (P-ISIRS/P-ISERS)
4. Proposed Area of Research:
5. Supervisor(s), Organization:
 1.
 2.
 3.
6. Panel of the SRC members proposed by the Supervisor(s):
 - (i) Member from within Institute/ Outside Institute (From CFTIs or from Industry)
 1. Name: Department/Organization:
 2. Name: Department/Organization:
 3. Name: Department/Organization:
 4. Name: Department/Organization:
 5. Name: Department/Organization:
 6. Name: Department/Organization:

(Note: Consent of proposed member is required, if member is from outside Institute.)

Signature of the Supervisor (s)

SRC (Three members and supervisors) is constituted as follows:

1. Chairperson, SRC
[Chairperson SRC should have supervised at least one Ph.D. at IIT Roorkee - Rule R.4.1 (b)]
2. Member SRC (Ist)
3. Member SRC (IInd)

Chairperson, DRC/CRC
DATED:

HEAD OF THE DEPARTMENT/CENTRE

FOR USE OF ACADEMIC AFFAIRS OFFICE

Checked and found okay as per Regulation / Revision is requested under

Dealing Asstt./Junior Supdt./Supdt.

AR (Evaluation)/ DR (Academics)

Thesis Submission Form

Jharkhand University of Technology, Ranchi

1. Name of the Ph.D. student :

(English) _____ Enrollment No. _____
(As printed in Master's degree)

(Hindi) _____

2. Department/Centre, (i) _____ (ii) _____
(Where Enrolled) (Where Working)

3. Date of Initial Registration: _____ 4. Date of Candidacy: _____

5. Category : FTRS (IARS/EFRS/ISERS) / PTRS (P-ISIRS/P-ISERS)

6. Date of Final SRC: _____

7. Date of Thesis Submission: _____

8. Title of Research

In English

In Devanagari

9. Address for Correspondence: _____

Phone No. with STD Code: _____ Mobile No. _____

E.mail ID: _____

10. Copy of similarity-check report enclosed:

YES

Signature of Ph.D. Student

Countersigned:

Name & Signature of Supervisor(s)

Signature of Chairperson, SRC

Signature of Chairperson, DRC/CRC

Head of the Department/Centre

Date: _____