

JHARKHAND UNIVERSITY OF TECHNOLOGY

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Ranchi, Jharkhand, India

REGULATIONS FOR Ph.D. PROGRAM

Effective from the

ACADEMIC YEAR 2019-20

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Introduction

- i) Jharkhand University of Technology, Ranchi, shall provide facilities for research in several areas of Ph.D. in Engineering, Ph.D. in Science and Humanities, Ph.D. in Management for the award of the Degree of Doctor of Philosophy, hereinafter abbreviated as Ph.D.
- ii) **BIT Sindri hereby will be the PG & Research Centre** of Jharkhand University of Technology (JUT)
- iii) The Ordinance, hereinafter specified, lay down the procedures to be adopted for regulating the research program for the Ph.D. Degree of the University.
- iv) Research board mentioned in these ordinances refers to the University Research Degree Committee (URDC) of the University.
- v) Institute Research Committee (IRC) mentioned in these ordinances refers to the college/ Institute Research Committee (CRC) of the CRC/ college/ Institute Community
- vi) Doctoral Scrutiny Committee (RDC) mentioned in these ordinances refers to the Doctoral Scrutiny Committee (RDC) of the university.
- vii) A scholar is an eligible person, who is enrolled at the University College Institute for any university specific Ph.D. program. Prior to enrollment, this person is referred to as an applicant.
- viii) Guide/Co-Guide/External Guide is a person approved by the University Research Degree Committee for the guidance of the scholar while pursuing the program of research leading to Ph.D. degree of the University.
- ix) The regulations herein specified apply to all candidates admitted enrolled/registered and to be admitted.

2. University Research Degree Committee (URDC)

- i) There shall be a Research Board consisting of:
 - (a) Vice-Chancellor (Chairman)
 - (b) Director/ Principal of concerned Institute/College(Member)
 - (c) Head of the Department concerned of the University/College/Institute
 - (d) Dean (Academic), JUT form the concerned Institute /College
 - (e) Dean (R&C), Dhanbad (Member)**
 - (f) Two external faculty members who are not employees of the University, to be nominated by the Vice-Chancellor. (Member)
 - (g) Registrar shall be the Secretary of the **Board** (Member/Secretary)
- ii) The members other than the ex-officio members shall have a term of three years and shall be eligible for - nomination.
 - (a) One third of the members shall constitute the quorum.
 - (b) The (URDC) shall meet twice in May/ June and Nov/Dec in an academic session.
- iii) University Research Degree Committee (URDC) shall be responsible for:
 - Promotion and maintenance of the standards of research.
 - To monitor and guide all research programmers including the Doctoral Research Program
 - Identifying Thrust areas for research and Development within the frame work of the objectives of the University.
 - Formulation of regulations and procedures for Research& Development and consultancy work.
 - Plan, initiate, review and oversee the research activities.
 - Evolve and implement multi-disciplinary programmers utilizing the

infrastructure and resources of the University gainfully.

- iv) Functions of the University Research Degree Committee (URDC)
- To recommend names of distinguished persons from outside the University for guiding research work as co-supervisor.
 - To consider the cases for registration for doctoral degrees where there is change of supervisor
 - To consider cases of difference of opinion between examiners of doctoral thesis and other exceptional situations not expressly covered under the Regulations.
 - To consider any other matter referred to it by the authorities of University or Vice-Chancellor.

3. College/Institute Research Committee (CRC)

There shall be a College/Institute Research Committee (CRC) consisting of:

- (a) Dean (Academic), of The concerned college/institute
- (b) Nominee of Director, concerned college/ Principal of Institute
- (c) All Head of Departments, of the collage/institute

CRC/DRC shall be responsible for following activities with respect to Ph.D. Programme:

- To discuss the different decisions taken by the DSC of the research candidates
- To discuss the issues related to Ph. D. students
- To consider any research proposal / creation of Research Centre / laboratory etc. in the Departments
- Recommend name of supervisors for the candidates

4. Research Degree Committee(RDC)

- i) There shall be a Doctoral Scrutiny Committee (RDC) consisting of:

- (d) Head of the Department concerned(Chairman)
- (e) Nominee of Director/Principal of Collage/Institute
- (f) Senior most faculty, other than the Head of the Department(Member)
- (g) One subject expert from the relevant area to be nominated by the CRC and approved by the Director/principal of the collage/institute The specialist may also be an outside expert. (Member)
- (h) Supervisor (s) of the concerned Student (Member)

- ii) Functions of the (RDC)

- To guide the research scholar to develop the study design and methodology of research and identify the course(s) that he/she may have to study.
- To review the research proposal and finalize the topic of research.
- To consider and recommend the application for the change of supervisor in between the course due to some valid reasons.
- To consider and recommend the modification of topic of research within one year after the date of registration.
- To consider and recommend minor changes in the title of the thesis at least six months prior to submission of thesis.
- To periodically review and assist in the progress of the research work of the research scholar.

5. Eligibility criteria

i) Ph.D. in Engineering

- a) An applicant must have a Masters degree in Engineering in the relevant subject with a minimum of 55% marks/CGPA of 6.0 (on a 10-point scale), OR
- b) An applicant must have a Bachelor's degree* in engineering with a minimum of 70% marks/CGPA of 7.5 (on a 10-point scale).
- c) A relaxation of 5% of marks, from 55% to 50% /CGPA of 5.5 (on a 10 point scale), 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 University Grant Commission from time to time.

Ph.D. in Science and Humanities

- a) An applicant must have a Masters degree in the relevant subject a minimum of 55 % marks/CGPA of 6.0 (on a 10-point scale), OR
- b) A relaxation of 5% of marks, from 55% to 50% /CGPA of 5.5 (on a 10 point scale), 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 University Grant Commission from time to time.

Ph.D. in Management

- a) An applicant must have a Masters degree or equivalent in management or allied areas with first a minimum of 55 % marks/CGPA of 6.0 (on a 10 point scale), OR
- b) An applicant who has qualified for CA/ICAI/ICMA/CS, with a minimum of 55 % marks/CGPA of 6 (on a 10 point scale) in Bachelors degree.
- c) A relaxation of 5% of marks, from 55% to 50% /CGPA of 5.5 (on a 10 point scale), 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 University Grant Commission from time to time.

6 Procedure for admission

- 6.1 The number of seats for Ph.D. shall be decided on an annual basis well in advance and notified on the University website/ or through newspaper advertisement. A predetermined and manageable number of Ph.D. scholars as decided by the university shall be admitted depending on the number of available Research Supervisors and other academic and physical facilities available, keeping in mind the norms regarding the scholar- teacher laboratory, library and such other facilities.

- 6.2 The candidates shall apply for the admission in Ph.D. course in prescribed Form available at the University office/ or can be downloaded from University website. The application form dully filled by candidate should be submitted along with required fee (as fixed by the University).
- 6.3 The University shall admit Ph.D. students through an Entrance Test conducted at the level of University. The candidates having cleared UGC- JRF/NET, CSIR- JRF/NET/SLET/GATE will be exempted from the entrance test. Bachelor degree holders from Centrally Funded Technical Institutes (CFTIs) having a CGPA of 8.0 or above will also be exempted from entrance test.
- 6.4 A candidate, selected under Prime Ministers Research Fellowship (PMRF) scheme, shall be directly admitted to the PhD programme without any test and interview.
- 6.5 The admission to Ph.D. programme will normally be held during May-June for the Monsoon Semester. However, if the need arises, admission may also be done during November-December for the Winter Semester.
- 6.6 The admission shall be based on the criteria notified by the University, keeping in view the guidelines/norms in this regard issued by the UGC and other statutory bodies concerned, and taking into account the reservation policy of Center/State Government from time to time.
- 6.7 There shall be a committee constituted by the Vice Chancellor to organize and conduct the written test and interview, evaluate the results and to decide the cutoff scores for short listing of the candidates for interview. University shall admit candidates by a two stage process through:
- Entrance Test and Interview:**
- The candidates will be given admission through entrance test to ensure quality, to be organized by the Jharkhand University of Technology
 - The entrance test will be conducted to judge the domain competency of a candidate. The Entrance Test shall be conducted at the
 - The candidates who qualify the entrance test will be called for interview.
 - The candidates who are exempted from the entrance test shall have to face the interview.
- 6.8 After the interviews, the applications of the selected candidates will be scrutinized by the office of the Dean (Academic)JUT, Ranchi. These candidates shall be admitted provisionally as Ph.D. student of the University on payment of the prescribe fee. The candidate is then required to fill up the enrollment form (**Annexure – I**) and deposit the same to the office of the Dean (Academic), JUT Ranchi within the specified date. The fee deposited will not be refunded for any reason, whatsoever.
- 6.9 The application for admission shall be sent to the University office and shall be accompanied by the prescribed fee, the original Masters degree (if any) and the Migration Certificate of the University from which /she took the last degree.
- 6.10 The University shall maintain the list of all the registered students on its website on year-wise basis. The list shall include the name of the registered candidate, topic of his/her research, name of his/her supervisor/co-supervisor, date of enrolment/registration.
- 6.11 Each scholar shall register at the concerned department of the university in affiliated collage/Institute the beginning of every semester. If a scholar does not register in the beginning of semester, his/her Ph.D.

admission is liable to be cancelled. In case, a scholar fails to register for two successive semesters his/her admission shall be cancelled automatically.

7 Classification of candidates

7.1 Full Time Regular with or without University fellowship/with or without Project Support/any financial assistance*

A research scholar in this category works full-time for his/her Ph.D. He/she will be eligible to receive assistantship/scholarship from the University or any other recognized funding agency as per the rules. In case of non-availability of financial assistance, the candidate shall have to meet the expenditure of doing research work on their own. The grant of financial assistance from any source does not entitle the candidate for exemption from the tuition and other prescribed fees of University unless such exemption is specifically granted in the assistance scheme and the fees as applicable are provided to the University by the agency extending financial support to the candidate.

*Amount and duration of fellowship to full-time scholars will be governed by Government/Sponsoring agencies norms.

7.2 Self-financed full-time research scholars

Self-finance full-time research scholar will support themselves. University will not provide scholarship to such candidates. They may receive fellowship from other agencies.

7.3 Sponsored

A research scholar in this category is sponsored by a recognized R&D organization, Academic Institution, Government Organization or Industry for doing Ph.D. in the University on a full-time basis. The University shall not provide any assistantship/scholarship to such research scholar and the applicable University fees and expenditure on pursuing research work shall be remitted by the sponsoring organization to the University. Research scholars under this scheme shall be treated as full-time candidates.

7.4 Foreign Nationals

Applications whose names are received through the Indian Council of Cultural Relations, Government of India, are also eligible to apply under the self-financing scheme, for which applications are invited through their embassies high commissioner as per the provision of University. Research scholars under this scheme shall be treated as full-time candidates.

7.5 Part-time

A candidate working on a regular basis in a **research Centre** recognized by the University / regular faculty members of this University / Employees working in Govt. / Govt. aided / Private Engineering colleges / Universities / Industries / Public sector organizations shall be considered for the admission under this category subject to the terms and conditions prescribed by the University. He/She will not be entitled to get any assistantship/fellowship from the University.

7.5.1 Conversion from Full Time to Part-time

A student admitted to a full-time Ph.D. programme as a student may be permitted to change to part-time Ph.D. programme student category. A student requesting for such a conversion must have completed the coursework successfully, passed the comprehensive examination, given the Research Proposal Presentation which is adjudged as satisfactory. Such candidates shall have to get their request recommended by the supervisor(s) and Head of the concerned Department and also produce a No Objection Certificate from the Head of the Institution/Organization, which he/she proposes to join. Such conversion, if approved by the DSC, will be subject to the following conditions.

proposes to join. Such conversion, if approved by the DSC, will be subject to the following conditions.

- a) Provision of conversion from full-time to part-time status can be availed once by the student during his/her programme, and
- b) His/her continuation on part-time status will be subject to his/her making satisfactory progress towards completing the Ph.D. thesis. However, such part time candidate will not be titled for any kind of scholarship/assistantship.

7.5.2 Conversion from Full Time to Full time external

Full-time research scholars can leave the University for taking up any teaching or R&D assignment. Such candidate will be treated as full time external candidate provided that the organization to which candidate joins, has research laboratories, R&D facilities and will normally carry out part or all of his / her s research work there only under the supervision of a co-guide working in the same organization and a guide/supervisor of the University approved by the Vice-Chancellor. However, such candidates will have to complete course work and comprehensive examination successfully in the time stipulated for full time research scholars of the University. Such candidates shall have to get their request recommended by the supervisor(s) and Head of the concerned Department and also produce a No Objection Certificate from the Head of the Institution/Organization, which he/she proposes to join. Such candidates will not be entitled for any kind of scholarship /assistantship.

7.6 Full-time research scholars can leave the University for taking up any assignments only after submission of the thesis; failing which their studentship shall be cancelled automatically.

8 Duration of the Programme

8.1 Ph.D. programme shall be of a minimum duration of three years, including course work and a maximum of eight years.

8.2 The maximum period permitted for submission of Ph.D. thesis for a candidate shall normally be eight years from the date of registration. In special circumstances, a maximum extension of two years can be granted by the Vice-Chancellor on the recommendations of the IRC after making careful scrutiny of the candidate's progress. It shall be essential for a candidate to submit his/her thesis within the stipulated time period from the date of registration, otherwise, the registration shall automatically be cancelled after the expiry of the due date.

8.3 Guidelines for Appointment/Change of Supervisor/ Co-Supervisor / Caretaker Supervisor

- a. All candidates for the Ph.D. degree are required to carry out his/ her research work under the guidance of a supervisor from the university/college/Institute. However for certain candidates college/institute/research/committee (CRC) may propose more than one supervisor drawn from the Industry/R&D Organization(if having MOU with JUT(Ranchi) as Joint supervisors/Co-supervisors
- b. In case of Inter-disciplinary area of research college/institute/Committee (CRC) may propose, co-supervisors from other departments of the institute/collage or other Institute/University.
- c. The co-supervisor may also be from external centrally funded Institutions /Research organization of national repute or the reputed industry.
- d. For cases where the supervisor proceeds on long leave for more than or equal to one semester, then either a joint supervisor may be appointed or new

supervisor may be appointed or a caretaker supervisor is to be appointed by the IRC if needed.

- e. However, on the request of candidate, Research Degree committee (RDC) may either allow supervisor to continue as sole supervisor with a caretaker co-supervisor or change supervisor on case to case basis depending on the state of progress of the thesis work.
- f. After superannuation from the service of the Institute, if a person joins the Institute as an Emeritus Professor or in any other capacity, he/she may continue to be sole supervisor or a joint supervisor with the due approval of Dean (Academic)/Director/Principal/ Vice Chancellor.
- g. A faculty of the university/college/Institute having less than or equal to one year to superannuate (from the end of the academic session in the month of June of the year), can be appointed as thesis supervisor jointly with another faculty of the Institute.
- h. For case where a faculty (Supervisor) joins new organization/Institute, he/she may be allowed to continue as sole supervisor, as per the recommendation of the DSC, if the thesis is submitted within six months from the date of leaving the Institute otherwise a new supervisor will be appointed by the IRC. In case, the thesis is submitted within six months, Ph.D. coordinator of the department will be appointed as a caretaker for such students to carry out all administrative work.
- i. A Research Supervisor/co-supervisor who is a Professor, at any given point of time, cannot guide more than eight (8) Ph.D. scholars. An Associate Professor as Research Supervisor can guide up to a maximum of six (6) Ph.D. scholars and an Assistant Professor as Research Supervisor can guide up to four (4) Ph.D. scholars. Credit of supervisor will be counted half in case of joint supervisor(s).

9 RESIDENTIAL REQUIREMENT FOR Ph.D. CANDIDATE

The residential requirement is essential to build the research atmosphere in the university/college/institute. The residential requirement for part time Ph.D. candidates shall be a minimum period of one semester at the Institute. However, for full time scholars, the minimum residential requirement is of six semesters.

10 LEAVE RULES

A Ph. D student may take a maximum of 30 days of personal leave (inclusive of medical) in an academic year (including winter break, mid- semester breaks and summer vacation) such that no more than 10 days of leave are taken during a semester. However, this 10-day cap will not be enforced when semesters are not in progress and during the summer term. Leave not availed in one academic year will not be carried over to the next academic year. If leave is taken along with one weekend (Saturday and Sunday), addition of weekend shall be allowed only as a prefix or suffix. If both prefix and suffix of weekends are taken along with leave, total period of absence will be counted towards leave period.

A student may be granted maternity/paternity leave for a period as per government policy. Leave up to 6 weeks can also be granted for miscarriage including medical termination of pregnancy, if supported by a proper medical certificate. Such leave can be combined with any other leave due and will not entail any loss of financial assistantship.

- 10.1.1 Absence without sanctioned leave will entail loss of financial assistantship for the period of absence, and may result in the termination of the student's programme on the recommendation of the Research Degree Committee (RDC) and approval of University Research Degree Committee (URDC)

- 11.4 If a student falls ill while on the campus, the medical certificate must be obtained from the Institute's medical officer. If he/she falls ill outside the campus while on sanctioned leave, the medical certificate must be obtained from a registered medical practitioner.

12.

COURSE WORK

A research scholar immediately after admission in the Ph.D. program has to undertake course work as prescribed by Research Degree Committee (RDC) The following will be taken into consideration while assigning the course work.

All Ph.D. scholars will be required to complete the following courses within two semesters.

Type of Course Credits

Theory courses (minimum credit requirement):

Research Methodology : 4.0credit

Computational Techniques (domain specific) : 3.0 credits

Three theory courses related to the discipline of research : 9.0 credit

Total Credit : 16

- 12.1 Each scholar needs to qualify Pre-Ph.D. papers within a maximum of two attempts and should obtain at least 50% of marks or equivalent letter Grade to continue with the Ph.D. program. Examination, Assessment and Awarding of grades shall be similar to the PG regulations.

- 12.2 The theory courses shall be offered through class room instructions/MOOCs (NPTEL/SWAYAM).

- 12.3 The above course work is the minimum requirement for submission of the Ph.D. thesis for evaluation. However, the Research Degree Committee (RDC) may assign additional course work to the scholar if required.

11

Evaluation and assessment methods, minimum standards/credits for award of the degree, etc.:

Upon satisfactory completion of course work, and obtaining the marks/grade, the Ph.D. scholar shall be required to undertake research work and produce a draft thesis within a reasonable time mentioned in the regulation.

Pre-requisite for the submission of thesis

- 11.1.1 A research scholar shall appear before the Research Degree Committee (RDC) two times in six months to make a presentation of the progress of his/her work for evaluation and further guidance. The progress reports shall be submitted by the Research Degree Committee (RDC) to the JUT, Ranchi office with a copy to the research scholar.
- 11.1.2 In case the progress of the research scholar is unsatisfactory, the Research Degree Committee (RDC) shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Research Degree Committee (RDC) may recommend to the University with specific reasons for cancellation of the registration of the research scholar.
- 11.1.3 Prior to submission of thesis, the student shall make a pre Ph.D. presentation in the Department concerned before the Research Degree Committee (RDC) that may open to all the faculty members and research scholars, forgetting of the feedback and comments, which may be suitably incorporated into draft thesis under the advice of the Research Degree Committee (RDC) and the same be submitted within six months. Only in extraordinary cases the Vice-chancellor may extend the time.
- 11.1.4 The clearance for Pre-submission seminar will be given by the Research Degree Committee (RDC) based on a detailed written assessment of the thesis, provided that a minimum of two research papers has/have been

accepted for publication/published in SCI/SCIE/SSCI/ non-paid SCOPUS indexed Journals in which one should be in SCI/SCIE journal. The Supervisor(s) must certify that these research papers form a substantive part of the Ph.D. dissertation.

- 11.1.4.1.1 Every Ph.D. scholar shall get a plagiarism check on the well-developed plagiarism checking software and gadgets of his draft thesis to detect plagiarism and other forms of academic dishonesty. While submitting for evaluation, the dissertation/thesis shall have an undertaking from the research scholar and a certificate from the research supervisor attesting to the originality of the work, vouching that there is no plagiarism and that the work has not been submitted for the award of any other degree.

11.2 The University Research Degree College (URDC) may allow a topic of research be modified on recommendation of (RDC).

11.3 Minor changes in the wording of the topic of a thesis may be allowed by the University Research Degree College (URDC) on recommendation of DSC.

11.4 The supervisor shall notify to the University/Dean (Academic), of the College /Institute that the thesis is presentable in all its aspects and shall forward two copies of the brief summary of the thesis to the University/Dean (Academic), of the College /Institute for pre/Ph.D. presentation.

11.5 Thesis Submission

- a. The literary presentation of the thesis should be of a high standard i.e. concise, laid out logically and in proper sequence, far from grammatical and typographical errors and referenced properly.
- b. The thesis shall comply with the following conditions to merit the award for the Ph.D. degree:
 - It should be a piece of research work characterized either by the finding of new facts or by a fresh approach towards the interpretation of facts and theories.
 - It should reflect the candidate capacity for critical examination and judgment.
- c. A student, in addition to the conditions laid down above, may also submit a thesis based on the work in one or more of the following categories:
 - The candidate has constructed equipment capable of research grade measurements.
 - The candidate has designed and constructed equipment, which provides an innovative approach to the teaching and understanding of the fundamental principles relating to a class of phenomena.
 - The candidate has designed, developed and fabricated equipment and/or developed a process, which contributes to the Industrial/Technological self-reliance of the country.
 - The candidate shall present a survey of literature in the field concerned and make a critical study of the topic showing a comprehensive knowledge of the current status and direction in the field. The candidate shall also present a detailed and critical report of experiments that he/she has carried out with the equipment developed.
- d. The thesis shall have an undertaking from the research scholar and a certificate from the Research Supervisor attesting to the originality of the work, vouching that:(i)

there is no plagiarism, (ii) and that the work has not been submitted for the award of any other degree/diploma of the same Institution where the work was carried out, or to any other Institution, (iii) Certificate with regard to the classified data.

11.6 Submission of Thesis

- a. After the thesis is complete, the candidate shall supply five printed or typewritten copies of the thesis in the prescribed format along with three softcopies (CD) of his/her thesis.
- b. The thesis should be in English.
- c. The entire fee, dues, fines, etc. of the University must have been paid at the time of submission of the thesis. The student should also produce 'No Dues Certificate' from all the concerned departments of the University.

11.7 Panel of examiners

- a. The supervisor of the candidate will suggest a panel of six names of external experts through (RDC) in which minimum three experts must be from outside the state (preferably IITs/NITs & centrally funded Institutions) not below the rank of Associate Professors giving their official and residential address, mobile number and email address. The supervisor shall give a certificate to the effect that the names suggested in the panel are not relatives of the supervisor or candidate. If the supervisor fails to supply the panel of Examiners within one month after the submission of thesis in the University, the Vice Chancellor may draw the panel in consultation with respective Dean/HOD.
- b. The panel prepared by the supervisor will be sent through the Director / Principal to the Controller of Examination in a sealed cover. The Vice-Chancellor will appoint from the panel, two examiners who are not in employment of the university out of which at least one shall be from outside the state/country. The Vice Chancellor may add more names of the subject experts in the panel.
- c. The thesis when received shall be referred for evaluation to the supervisor and two external examiners appointed by the Vice-Chancellor. If the Supervisor is not sending the report of evaluation within four months, the Vice Chancellor may, if need be, send the thesis for evaluation to another examiner from the panel.

11.8 Evaluation

- a. The examiners shall send their reports normally within three months to the Registrar by name marked 'Confidential'. If, the reports are not received within four months, the Vice Chancellor may, if need be, send the thesis for evaluation to another examiner from the panel.
- b. The examiners shall send their reports on the prescribed preform normally within three months of the receipt of the thesis. The examiners will state categorically whether in his opinion:
 - i. Thesis should be accepted for the award of Ph.D. Degree in its present form; OR
 - ii. Thesis should be accepted for the award of Ph.D. Degree with minor corrections. OR
 - iii. It should be referred back to candidate for presenting it again in revised form;

OR

- iv. It should be rejected.

The examiners shall state reasons for the approval or rejection of the thesis. If the examiner

recommends resubmission of the thesis, he/she shall specifically indicate what modifications he/she wants that candidate to incorporate in the thesis.

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

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

11.10 A candidate shall not be allowed to re-submit his/he thesis more that nonce.

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

Viva voce

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

11.11 The reports of all the examiners (including those of the *viva-voce*) shall be placed before the Research Board. Such reports may be accepted by the Research Board.

12 Treatment of Ph.D. /through /Part-time

12.1 University shall not allow conduct of Ph.D. Programmes through distance education mode.

12.2 Part-time Ph.D. will be allowed provided all the conditions mentioned in the extant Ph.D Regulations are met.

13 Depository with INFLIBNET

13.1 On the successful completion of the evaluation process and before the announcement of 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 so as to make it accessible to all Institutions/Colleges across the country/ state

13.2 Prior to the actual award of the degree, the University shall issue a Provisional Certificate certifying to the effect that the Degree has been awarded in accordance with the UGC Regulations,2016.

14 Publications of thesis

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

15 Jurisdiction

Once registered, the student and his work shall be under the general disciplinary control of the JUT Faculty/College/Institute/Department. Any legal dispute relating to Ph.D. admission of students will be subject to Courts at Ranchi.

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 : **[TO BE INSERTED]**
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 up to 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 their fore _____
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** _____

- (ii) 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(RuleR.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

erson, DRC/CRC

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 THE OFFICE OF DEAN (ACADEMIC AFFAIRS)

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. /Sup dt.

AR (Evaluation)/ DR(Academics)

APPROVED & BOARD APPOINTED / NOT APPROVED

DEAN OF ACADEMIC AFFAIRS

(a) Panel of Examiners [Covering geographical regions acrossglobe]

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. _____
7. Designation _____ E-Mail Address. _____
Address _____

8. Name _____ Telephone No. _____
Designation _____ E-Mail Address. _____
Address _____

9. Name _____ Telephone No. _____
Designation _____ E-Mail Address. _____
Address _____

Member, SRC

Member, SRC

Supervisor(s)

Chirpers on, SR

10. Name _____ Telephone No _____
Designation _____ E-Mail Address _____
Address _____

11 Name _____ Telephone No _____
Designation _____ E-Mail Address _____
Address _____

Member, SRC

Member, SRC

Supervisor-1

Supervisor-2

Supervisor-3

Chairperson, SRC

Chairperson, DRC/CRC

HEAD OF THE DEPARTMENT/CENTRE

DATED:

Annexure II

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) _____ (Where Enrolled) (ii) _____ (Where Working)

3. Date of Initial Registration _____

4. Category :

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]

Semester	Session	PG Course No.	Title	Credits	Remarks
			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: _____

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

re of Ph.D. candidate

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

Recommended as above

**Chairperson, DRC/CRC
THE DEPARTMENT/CENTRE DATED:**

HEAD OF

FOR USE OF ACADEMIC AFFAIRS OFFICE

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

.....

Dealing Asset. / Junior Spud ./Spud.

DR(Academics)

AR (Evaluation)/

Annexure III

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)

*In case the Thesis work is from an allied discipline, then the list may include names of examiners from the allied discipline.

Jharlhand University of Technology, Ranchi

CONFIDENTIAL

Thesis / Form – 5

Appointment of Thesis Board to Evaluate Thesis for the Degree of Ph.D.

(In terms of amendment approved by Meeting of **Academic Council**)
(In the case of students **registered after.....**)

Department /College/Institute:

Name of Student:

Registration No. & Semester(ODD/EVEN):

Name of Supervisor:

Department of...

Name of Co-Supervisor:

Department of

Title of Thesis:

The **R Research Committee (RDC)** at its meeting held on _____
considered the case of the aforementioned Ph.D. student and

(A) Ensured that the aforementioned candidate has:

- (i) PASSED all the prescribed courses;
- (ii) Earned minimum Credits required through Course work;
- (iii) Earned minimum Credits required through Thesis work;
- (iv) Earned minimum total credits (Course work + Thesis) required for graduation;
- (v) Earned minimum CPI required for graduation;
- (vi) Passed the comprehensive examination; and
- (vii) Satisfactorily completed the requirement of **SOTA**.

(B) Ensured about Research Publications as mentioned below (Please mention number):

- (i) Published
- (ii) Accepted for Publication-

(Please enclose copies of publications)

The **DRC** also recommends the names of the following Thesis Board as per amended of PG Ordinances for evaluation of Ph.D. thesis of the aforementioned candidate:

1(a) Supervisor/ Programme Coordinator – Chairman:

1(b) Co-Supervisor (infamy):

2) Examiners from outside the Dept. but within the College/Institute*

--	--

3) Examiners from outside the University but within India (at least two names from reputed Institute/University)

4) Examiners from outside India

	:

Certified that:

1. The proposed Examiners are persons of eminence in the field related to the title of the thesis and are in no way related to the candidate or Supervisor(s).

*In case the Thesis work is from an allied discipline, then the list may include names of examiners from the allied discipline.

2. All the addresses are complete including name of City with PIN Code, e-mail ID, Phone/Mobile No.
3. All the addresses are official or where the address is not official, the position held by the addressee prior to retirement is clearly stated.
4. The preform is complete in all respect.

Special Remarks, if any –

Members of DRC & their Signature:
(Name)

(Signature of the Member)

Forwarded to Dean (Academic Affairs)

Convener, DRC

Date:

SEAL

Head of the Department/Coordinator

Date:

SEAL

Forwarded to Chairman, RDCU for *approval*

Dean (Academic Affairs)

Date:

APPROVED

Chairman Academic Council

Jharkhand University of Technology, Ranchi

CERTIFICATE

Certified that the work contained in the thesis titled “.....**TOPIC**.....” by /Mr **Ms**.....has been carried out under my/our supervision. It is also certified that he/she has fulfilled the mandatory requirement of **TWO** quality publications arose out of his/her thesis work.

It is further certified that the two publications (copies enclosed) of the aforesaid **candidate** have been published in the journals indexed by –

- a) SCI
- b) SCI Expanded
- c) SCOPUS
- d) *Non indexed journals
(Only in special cases)
(*Please enclose **RDC** Resolution in this regard)

Signature

.....

Supervisor

Signature

.....

Co-Supervisor

Signature

.....

Convener RDC

SEAL

N.B.: Please strike out the category (a, b, c, d) that is not applicable.

Annexure V

Jharkhand University OF TECHNOLOGY RANCHI

FOR SUBMISSION OF Ph.D. THESIS PERSONAL DETAILS

Name of Student:

Roll No.:

Term of Registration:

Category of Registration:

✓

Fulfilled required Minimum Residence period: 4 Semesters / 5 Semesters / 6 Semesters

Supervisor:

School:

Title of Thesis:

ATTENTION

NOTE: Before submission of Thesis by a student, the following be verified & completed by the

Department/College/Institute concerned:

- | | |
|---|---------------|
| • Minimum Residence Period completed: 4 Sem./5 Sem./6 Sem. | YES/NO |
| • Course Credit requirements fulfilled | YES/NO |
| • Thesis Credits requirements fulfilled | YES/NO |
| • Passed the Comprehensive Examination | YES/NO |
| • Admitted to Candidacy (Certificate enclosed) | YES/NO |
| • SOTA has been completed satisfactorily (Certificate enclosed) | YES/NO |
| • Open Seminar completed satisfactorily (Certificate enclosed) | YES/NO |
| • SIX copies of the thesis duly forwarded by the Supervisor & HoD
(Roll No. of the candidate should be mentioned on each copy) | YES/NO |
| • At least 2 Research Publications in reputed Journals (Published) | YES/NO |
| • TWO copies of ABSTRACT of the thesis in about 600 words | YES/NO |

P.T.O.

:2:

- | | |
|--|---------------|
| • ONE CD containing Abstract | YES/NO |
| • ONE CD containing Thesis | YES/NO |
| • Undertaking from the student duly forwarded by the Supervisor(s): | |
| –To the effect that the Thesis has been prepared without resorting to plagiarism | YES/NO |
| –To the effect that the Thesis has not been submitted elsewhere for any Degree | YES/NO |
| –To the effect that Sources used have been cited appropriately | YES/NO |
| • Certificate from the Supervisor concerned: | YES/NO |

*In case the Thesis work is from an allied discipline, then the list may include names of examiners from the allied discipline.

–To the effect that Specifications regarding thesis format have been followed

- Copyright transfer certificate **YES/NO**
- Whether Thesis Evaluation Board constituted and communicated to **YES/NO**
Dean (Academic Affairs)

Convener, DRC

Supervisor

Co-supervisor

**Jharkhand University of
Technology
Ranchi**

Jharkhand University of Technology, Ranchi

CERTIFICATE

It is certified that the work entitled “.....**TOPIC.....**” by “...Mr/Ms. ..**Student name....**” has been carried out under my/our supervision and that this work has not been submitted elsewhere for a degree.

It is further certified that the student has fulfilled all the requirement of Comprehensive Examination, Candidacy and SOTA for the award of Ph.D. Degree

Supervisor

(.....)

Department of

College/Institute

Jharkhand University of Technology

Ranchi

Co- Supervisor

(.....)

Department of

College/Institute

Jharkhand University of Technology

Ranchi

External Supervisor

Jharkhand University of Technology Ranchi

DECLARATION BY THE CANDIDATE

I, “**Mr/Ms Student Name**”, certify that the work embodied in this thesis is my own bona fide work and carried out by me under the supervision of “**Dr.Guide Name(s)**” from “.....” at the “**Department of**”, Jharkhund University of Technology, Ranchi . The matter embodied in this thesis has not been submitted for the award of any other degree/diploma. I declare that I have faithfully acknowledged and given credits to the research workers wherever their works have been cited in my work in the thesis. I further declare that I have not willfully copied any other’s work, paragraph, text, data, results, etc., reported in journals, books, magazines, reports dissertation, thesis etc. or available at website and have not included them in this thesis and have not cited as my own work.

Date:

Place:

(Student Name)

CERTIFICATE BY THE SUPERVISOR

It is certified that the above statement made by the student is correct to the best of my/our knowledge

Supervisor

(.....)
Department of
Engineering

Co- Supervisor

(.....)
Department of
Engineering

Head of Department

(.....)
Department of
Engineering

Jharkhand University of Technology Ranchi

COPYRIGHT TRANSFER CERTIFICATE

Title of the Thesis:

Name of the Student:

Copyright Transfer

The undersigned hereby assign to the Jharkhand University of Technology, Ranchi all rights under copyright that may exist in and for the above thesis submitted for the award of the “*Degree of Philosophy*”

Date:

Place: Ranchi

(Student Name)

Note: Ho waver, the author may reproduce or authorize other to reproduce material extracted verbatim from the thesis or derivative of the thesis for author’s personal use provided that the source and the copyright notice are indicated

ANNEXURE VII

ATTENDANCE RULES applied for all students in 2020-2021 session:

Attendance (Absence percentage)	Grade Reduction for Students in A*/A/B/C/D... system		Grade Reduction in S/A/B/C/D... system
	For ODD Semester 2013-14	For EVEN Semester 2013-14	For both ODD & EVEN Semesters 2013-14
Absence less than or equal to 25%	NO Grade Reduction	NO Grade Reduction	No Grade Reduction
Absence greater than 25% but less than or equal to 35%	One Grade Reduction, but not less than the lowest pass grade D A* ⊙A, A ⊙ A ⁻ , B ⊙ B ⁻ , C ⊙ C ⁻ . D, E & F remain unaltered	One Grade Reduction, but not less than the lowest pass grade C ⁻ . A* ⊙A, A ⊙ A ⁻ , A ⁻ ⊙ B, B ⊙ B ⁻ , B ⁻ ⊙ C, C ⊙ C ⁻ . C ⁻ & F remain unaltered	One Grade Reduction but not less than the lowest pass grade E S ⊙A, A ⊙B, B ⊙C, C ⊙D, D ⊙E. E & F remain unaltered
Absence greater than 35%	A*, A, B, C will be reduced to D. D, E & F will remain unaltered	A*, A, A ⁻ , B, B ⁻ , C will be reduced to C ⁻ . C ⁻ & F remain unaltered	S, A, B, C, D will be reduced to E. E & F will remain unaltered

ATTENDANCE RULES applicable for all students from 2020-2021 and onwards:

It is expected that the students would attend all the classes. However, it is noted that sometimes due to some exigencies, the student might have to miss some classes. For a student who has an absence above 25% in a course, whatever may be the reason for the shortfall in attendance, his/her registration in the course will stand cancelled. The student may take up that particular course in any of the subsequent semesters. A student is required to be responsible to keep track of his attendance during the semester continuously. Considering a 13 weeks semester, irrespective of the variation in the number of classes held in a course, the absence of 25% will be calculated as the absolute number, rounded off to the next higher integer, obtained from 13 x number of lecture hours per week calculation.

Further relaxation of seven days be provided to a student who has obtained prior approval of the Dean (Academic Affairs) through Dean (Student Affairs), Dean (R&D) or the concerned Head of the Department/Coordinator of Center to represent the Institute in various activities and also for presenting research paper.

*In case the Thesis work is from an allied discipline, then the list may include names of examiners from the allied discipline.

GRADING SYSTEMS APPLICABLE TO VARIOUS CATEGORIES OF Ph D STUDENTS

The following grading systems and attendance rules shall be applicable to different categories of Ph. D students of Jharkhand University of Technology, Ranchi

Grading System applicable for

(a) **All Ph D students admitted after 2020-2021 session**

Grade	Grade Point	Description
S	10	Outstanding
A	9	Excellent
B	8	Very Good
C	7	Good
D	6	Fair
E	5	Satisfactory
F	0	Failed
I	---	Incomplete
T	---	Waiver/ Transfer

E	2	Fail (Insufficient level of learning)
F	0	Fail (Extremely low level of learning)
S	---	(Research Unit) Satisfactory
X	---	(Research Unit) Unsatisfactory
I	---	Incomplete
T	---	Waiver/ Transfer

TOPIC

**Thesis submitted in partial fulfillment
for the Award of Degree
Doctor of Philosophy**

By
“Student name”

Department of
College/Institute Name
(JHARKHAND UNIVERSITY OF TECHNOLOGY)
RANCHI

Roll no-

Year –

Jharkhand University of Technology Ranchi

CERTIFICATE

It is certified that the work entitled “.....**TOPIC.....**” by “...Mr/Ms. ..**Student name....**” has been carried out under my/our supervision and that this work has not been submitted elsewhere for a degree.

It is further certified that the student has fulfilled all the requirement of Comprehensive Examination, Candidacy and SOTA for the award of Ph.D. Degree

Supervisor

(.....)

Department of

College/Institute

Jharkhand University of Technology

Ranchi

Co- Supervisor

(.....)

Department of

College/Institute

Jharkhand University of Technology

Ranchi

External Supervisor

Jharkhand University of Technology Ranchi

DECLARATION BY THE CANDIDATE

I, “Mr/Ms Student Name”, certify that the work embodied in this thesis is my own bona fide work and carried out by me under the supervision of “Dr. Guide Name(s) ” from “.....”at the “Department of", Jharkhand University of Technology, Ranchi . The matter embodied in this thesis has not been submitted for the award of any other degree/diploma. I declare that I have faithfully acknowledged and given credits to the research workers wherever their works have been cited in my work in the thesis. I further declare that I have not willfully copied any other’s work, paragraph, text, data, results, etc., reported in journals, books, magazines, reports dissertation, thesis etc. or available at website and have not included them in this thesis and have not cited as my own work.

Date:

Place:

(Student Name)

CERTIFICATE BY THE SUPERVISOR

It is certified that the above statement made by the student is correct to the best of my/our knowledge

Supervisor

(.....)
Department of
Engineering

Co- Supervisor

(.....)
Department of
Engineering

Head of Department

(.....)
Department of
Engineering

Jharkhand University of Technology Ranchi

COPYRIGHT TRANSFER CERTIFICATE

Title of the Thesis:

Name of the Student:

Copyright Transfer

The undersigned hereby assign to the Jharkhand University of Technology, Ranchi all rights under copyright that may exist in and for the above thesis submitted for the award of the “*Degree of Philosophy*”

*In case the Thesis work is from an allied discipline, then the list may include names of examiners from the allied discipline.



Date:

Place: Ranchi

(Student Name)

Note: However, the author may reproduce or authorize other to reproduce material extracted verbatim from the thesis or derivative of the thesis for author's personal use provided that the source and the Institute's copyright notice are indicated

Jharkhand University of Technology, Ranchi

CONFIDENTIAL

Thesis / Form – 5(Modified)

Appointment of Thesis Board to Evaluate Thesis for the Degree of Ph.D.

(In terms of amendment approved by 13th Meeting of Senate)

(In the case of students registered after June 2012)

Department /College/Institute:

Name of Student:

Registration No. & Semester (ODD/EVEN):

Name of Supervisor:

Department of...

Name of Co-Supervisor:

Department of:

Title of Thesis:

The **Departmental Postgraduate Committee (DPGC)** at its meeting held on _____ considered the case of the aforementioned Ph.D. student and

(C) Ensured that the aforementioned candidate has:

- (i) PASSED all the prescribed courses;
- (ii) Earned minimum Credits required through Course Work;
- (iii) Earned minimum Credits required through Thesis work;
- (iv) Earned minimum total credits (Course work + Thesis) required for graduation;
- (v) Earned minimum CPI required for graduation;
- (vi) Passed the comprehensive examination; and
- (vii) Satisfactorily completed the requirement of **SOTA**.

(D) Ensured about Research Publications as mentioned below (Please mention number):

- (i) Published
- (ii) Accepted for Publication-

(Please enclose copies of publications)

The **DPGC** also recommends the names of the following Thesis Board as per amended of PG Ordinances for evaluation of Ph.D. thesis of the aforementioned candidate:

1(a) Supervisor/ Program Coordinator – Chairman:

1(b) Co-Supervisor (if any):

5) Examiners from outside the Dept. but within the College/Institute*

--	--

6) Examiners from outside the University but within India (at least two names from reputed Institute/University)

7) Examiners from outside India

	:

Certified that:

*In case the Thesis work is from an allied discipline, then the list may include names of examiners from the allied discipline.

5. The proposed Examiners are persons of eminence in the field related to the title of the thesis and are in no way related to the candidate or Supervisor(s).
6. All the addresses are complete including name of City with PIN Code, e-mail ID, Phone/Mobile No.
7. All the addresses are official or where the address is not official, the position held by the addressee prior to retirement is clearly stated.
8. The proforma is complete in all respect.

Special Remarks, if any –

Members of DPGC & their Signature:
 Member)
 (Name)

(Signature of the

Forwarded to Dean (Academic)

Convener, DPGC

Date:
 SEAL

Chairperson, SPGC

Date:
 SEAL

Forwarded to Chairman, Academic *for approval*

Dean (Academic)

Date:

APPROVED