

National Institute of Advanced Manufacturing Technology

**Deemed to be University under Distinct Category
Ministry of Education, Government of India
Ranchi, Jharkhand-834003**



**Academic Regulations for PhD Programmes
with effective from 2025-26**

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1. Short title, Application and Commencement

This regulation shall be called as ‘Rules and Regulations for PhD Programmes’ for all PhD programmes commenced at NIAMT Ranchi and shall come into force from the day of its publication and notification by the institute.

2. Admission to PhD Programme

2.1 Admission to the PhD Programmes of the institute normally takes place every year in July.

2.2 The number of seats for Ph.D. shall be notified by the institute on its website and/or through newspaper. The candidates shall apply for the admission in the Ph.D. programme course in prescribed form available through the institute website.

2.3 The institute shall admit candidates in Ph.D. through an entrance test followed by an Interview-cum-counselling. The qualifying marks for the entrance test shall be 50%. The syllabus of the entrance test will consist of 50% research methodology and 50% relevant subject specific, provided that a relaxation of 5% of marks (from 50% to 45%) shall be allowed for the candidates belonging to SC/ST/OBC (Non-Creamy layers)/Differently abled category in the entrance examination conducted by the institute. 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. The selection of the candidates shall be made using a weightage of 70% to the entrance test and 30% to the interview.

2.4 Reservation in admission to the PhD programme shall be governed by the Central Government rules. Where such rules are at variance with each other, the decision of Academic Council/ Executive Council of the institute shall be final.

2.5 The following candidates shall be exempted from appearing in the written Entrance Test, if they fulfil the eligibility requirements of the qualifying examination:

- i. Candidates who have cleared JRF/UGC-CSIR/NET/SLET/GATE fellowship examinations.
- ii. Candidates selected under the Quality Improvement Programs (QIP) of the All-India Council of Technical Education (AICTE).
- iii. Candidates having a bachelor’s degree in engineering from Centrally Funded Technical Institutes (CFTIs) and Centres of Excellence (IITs, NITs, IIST etc.) and having a minimum of 75% marks or equivalent CGPA.
- iv. Faculty members of the institute having at least 3 years of regular teaching experience.
- v. A candidate working in a sponsored research project (Government/ Industry)

However, all such candidates shall be required to appear for the interview and counselling.

2.6 Direct admission without any entrance test and interview

(i) 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.

(ii) 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.

2.7 Prior to advertisement, the Institute, through the Departmental Research Committees (DRC), prepares a predetermined and manageable number of PhD scholars to be admitted in an Academic Session depending on the number of available Research Supervisors (according to the clause 7.3 of this regulation), other academic and physical facilities e.g. laboratory, library, equipment's.

2.8 Constitution of the DRC

A DRC shall be constituted by the respective Departments as follows:

- i. Head of the Department-Chairman
- ii. Four faculty members of the department (Professor/Associate Professor/Assistant Professor) on rotation basis for a period of two years-Members

2.9 No objection certificate (see Annexure-VI) from the employer of an on-the-job PhD candidate (Institute's Faculty/Staff/Project Staff, and regular Faculty/Staff from other Institute/College/any other organization) is required to be furnished along with the application form.

2.10 Each PhD Research Scholar shall register himself/herself in person at the concerned Department of the Institute in the beginning of each semester. If a research scholar does not register in the beginning of semester, his/her Ph.D. admission is liable to be cancelled. In case, a research PhD Research Scholar fails to register for two successive semesters his/her admission shall be automatically cancelled.

2.11 The DRC members will allocate a supervisor and a co-supervisor (if applicable) to the PhD research scholar based on the research interest of the student and as per clause 7 'Allocation of Research Supervisor'.

3. Eligibility Criteria

3.1 Ph.D. in Engineering/ Technology

- i. An applicant must have a post graduate degree in the relevant subject with a minimum of 55% marks or an equivalent CGPA.
- OR**
- ii. An applicant must have an undergraduate degree with a minimum of 75% marks or an equivalent CGPA.
 - iii. A relaxation of 5% of marks shall be allowed for the candidates belonging SC/ST/OBC (non-creamy layer)/Differently Abled, Economically Weaker Section (EWS) as per Central Government rules. An applicant must submit a recent category certificate to avail this benefit.

3.2 Ph.D. in Science and Humanities

- i. An applicant must have a postgraduate degree in the relevant subject with a minimum of 55% marks or an equivalent CGPA.
- ii. A relaxation of 5% of marks shall be allowed for the candidates belonging to SC/ST/OBC (non-creamy layer)/Differently Abled, Economically Weaker Section (EWS) as per Central Government rules. An applicant must submit a recent category certificate to avail this benefit.

3.3 Equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency (Association of Indian Universities) which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.

4. Duration of PhD Programme

4.1 The minimum duration of the full-time 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 shall be six years for full time PhD research scholars

4.2 The minimum duration of the part-time Ph.D. programme, reckoned from the date of admission up to the final submission of the thesis, shall be four years, including the course work. The maximum duration will be seven years for part time PhD research scholars

4.3 If a research scholar fails to submit his/her thesis within the prescribed period, he may apply for re-registration otherwise, the registration shall automatically be cancelled.

4.4 In case the supervisor is changed anytime during the PhD programme, the duration of the programme can be extended upon approval from the Research Advisory Committee (RAC) to make up the lost time due to this reason.

4.5 Women and persons with disability (more than 40% disability) may be allowed a relaxation of two years for PhD in the maximum duration. In addition, the women candidates may be provided maternity leave/childcare leave once in the entire duration of PhD for up to 240 days, as per supervisor's recommendations and approval from the concerned Head of the Department.

4.6 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.

4.7 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 institute.

5. Categories of PhD research scholars

5.1 Institute assistantships may be provided to eligible scholars as per the Institute norms and

availability of funds. Scholars receiving assistantships from the Institute or fellowships from any other funding agencies are required to perform academic duties (teaching assistantship) as per prevailing norms.

5.2 Assistantships from external funding agency / organizations/projects will be available as per terms and conditions of the concerned funding agency / organizations.

5.3 Continuation of the assistantship / fellowship is subject to satisfactory performance of the PhD scholar in his/her assigned duties, and to satisfactory progress of the scholar in the PhD Programme.

5.4 Ph.D. programmes through part-time mode (without any financial assistantship) will be permitted, provided all the conditions stipulated in these Regulations are fulfilled. “No Objection Certificate” (see Annexure-IV) shall be submitted for a part-time Ph.D. programme from the appropriate authority in the organization where the candidate is employed, clearly stating that:

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

5.5 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.

6. Conversion from Full Time to Part Time Research Scholar Category

6.1 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.

6.2 A PhD Research Scholar requesting for such a conversion must have completed the course work successfully and presented the Synopsis of his/her proposed research work.

6.3 Such scholars shall have to get their request recommended by the supervisors and Head of the concerned Department and produce a No Objection Certificate (Annexure VI) from the Head of the Institution/Organization, which s/he proposes to join. Such conversion shall be duly approved by the RAC and will be subject to the following conditions –

- Provision of conversion from full-time to part-time status can be availed only once by the Research Scholar during his/her programme.
- His/her continuation on part-time status will be subjected to his/her making satisfactory progress towards completing the Ph.D. thesis which shall be evaluated by the RAC every semester.
- Such part time research scholars will not be entitled for any kind of scholarship/assistance ship from the institute or external funding agencies.
- Once the status of a PhD scholar is changed from Full Time to Part Time, any financial scholarship/assistance ship shall no longer enable.

- Such part-time PhD scholar's may submit his/her thesis after four years, including the course work, to a maximum period of seven years.

7. Allocation of Research Supervisor(s)

7.1 Permanent faculty members working as Professor/Associate Professor in the institute with a Ph.D., and at least five research publications in SCI/SCIE/SSCI/SCOPUS/UGC listed indexed Journals and permanent faculty members working as Assistant Professors in the institute with a Ph.D., and at least three research publications in SCI/SCIE/SSCI/SCOPUS/UGC listed indexed Journals may be recognized as a Research Supervisor.

7.2 Such recognized research supervisors cannot supervise research scholars in other institutions, where they can only act as co-supervisors.

7.3 Ph.D. awarded by a university under the supervision of a faculty member who is not an employee of the institute would be in violation of these Regulations.

7.4 Co-Supervisors from within the same department or other departments of the same institution or other institutions/ R&D Organization may be permitted with the approval of the competent authority.

7.5 The faculty members under probation period shall act as co-supervisors.

7.6 An eligible Professor/Associate Professor/Assistant Professor can guide up to eight (8) / six (6) / four (4) Ph.D. scholars, respectively, at any given time.

7.7 Faculty members with less than three years of service before superannuation shall not be allowed to take new research scholars under their supervision. However, such faculty members can continue to supervise Ph.D. scholars who are already registered until superannuation and as co-supervisors after superannuation, but not after attaining the age of 70 years.

7.8 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 RAC.

7.9 In case a supervisor joins another institute/organization, he/she may be allowed to continue as a supervisor on recommendation of the RAC from the date of leaving the Institute. In case the thesis is to be submitted within one year, the co-supervisor may act as the caretaker supervisor. In the absence of co-supervisor, the head of the department will be appointed as the caretaker supervisor.

7.10 The research guide allocation of PhD scholars (only one PhD scholar may be allocated to a research guide per year) holding institute fellowships may be considered on a rotation basis and as per seniority (date of joining), provided clause 7.1 is fulfilled.

8. Admission of International students in Ph.D. programme

8.1 Each supervisor can guide up to two international research scholars on a supernumerary basis over and above the permitted number of Ph.D. scholars as specified in clause 7.6 above.

8.2 The institute may decide their own selection procedure for Ph.D. admission of international students keeping in view the guidelines/norms in this regard issued by statutory/regulatory bodies concerned from time to time.

8.3 At any point, the total number of Ph.D. scholars under a faculty member, either as a supervisor or a co-supervisor, shall not exceed the number prescribed in clause 7.6

9. Change of Research Supervisor(s)

9.1 Whenever a supervisor leaves the institute permanently, the DRC shall provide new supervisor(s) for the scholars before his/her departure. Change of Supervisor(s) shall be permitted on recommendation of the DRC after obtaining the consent of (i) the scholar (ii) the present Supervisor(s) and (iii) the proposed Supervisor(s). However, if the Supervisor leaves the institute after submission of thesis, an administrative Supervisor may be appointed by the DRC, approved by the Dean (Academic) to complete the remaining formalities.

9.2 Whenever a Supervisor leaves the Institute temporarily, the DRC shall make alternate arrangement for the administrative OR co-supervisor of his/her scholars in consultation with the supervisor.

9.3 In case a supervisor unfortunately expires or become incapacitated during the PhD programme of a scholar, a new Supervisor may be appointed by the DRC, followed by approval from the Dean (Academic).

10. Course Work

10.1 Credit requirements

- i. The Credit requirement for the Ph.D. coursework is a minimum of 12 credits, including a research methodology course. The Research Advisory Committee can also recommend UGC recognized online courses as part of the credit requirements for the Ph.D. programme.
- ii. All Ph.D. scholars, irrespective of discipline, shall be required to train in teaching /education /pedagogy/writing related to their chosen Ph.D. subject during their doctoral period. Ph.D. scholars may also be assigned 4-6 hours per week of teaching/research assistantship for conducting tutorial or laboratory work and evaluations.
- iii. A Ph.D. scholar must obtain a minimum of 55% marks or its equivalent grade in the UGC 10-point scale in the course work to be eligible to continue in the programme and submit his or her thesis.

10.2 A research scholar immediately after admission in the Ph.D. program must undertake the course work. He shall have to register for each of the courses during the beginning of the

semester. 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).

10.3 The RAC can also recommend UGC/AICTE, recognized for online courses (MOOCS/NPTEL/SWAYAM courses) as part of the credit requirements for the Ph.D. programme.

11. Formation of Research Advisory Committee (RAC) and its Function

11.1 For each PhD scholar, a Research Advisory Committee (RAC) will be formed by the DRC in consultation with the Supervisor(s) within one month from the date of appointment of the Supervisor(s) and should have the following composition:

Sl. No.	Research Advisory Committee (RAC)	Member
1.	A faculty member other than the Supervisor(s) to be nominated by the VC in consultation with the supervisor	Chairperson
2.	One faculty member from the Dept. with similar / overlapping research interests.	Member
3.	One faculty from another Dept. of the institute	Member
4.	One Expert in the area from outside of the institute	Member
5.	Co-Supervisor	Member
6.	Supervisor	Convener

11.2 The RAC will have the following responsibilities:

- (i) Reviewing of research proposal and finalization of research topic.
- (ii) Guidance to the research scholar to develop the study design and methodology of research.
- (iii) Periodic review and assistance in the progress of the research work by the research scholar.

12. Progress Seminar

12.1 A PhD scholar must submit annual progress report and presentation to the RAC, and all such presentations are open to all. The progress reports along with the recommendation of the RAC shall be submitted to the supervisor.

12.2 In case the progress of the research scholar is unsatisfactory, the RAC shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the RAC may recommend specific reasons for cancellation of the registration of the research scholar, which will be finalized by Dean (Academic).

13. Synopsis Format and Presentation

13.1 Prior to the submission of the thesis, a scholar shall submit the synopsis of the thesis to the RAC. The synopsis contains outline of the research detailed in the thesis.

13.2 Prior to synopsis presentation of the thesis the candidate must ensure that minimum of two of his/her research papers have been accepted/published in SCI/SCIE/SSCI/SCOPUS indexed Journals.

13.3 The length of a synopsis shall be one thousand to four thousand words including tables and figures, on A4 size papers typed in one and half space.

13.4 Every Ph.D. Research Scholar shall submit his/her draft thesis to the Librarian for plagiarism check. The librarian shall check the thesis using official licensed Anti-Plagiarism software (e.g. Turnitin.com) provided by the Institute and issue a Plagiarism Evaluation Certificate, stating the percentage of similarity. This certificate shall be attached with the PhD thesis. Not more than 10% similarity shall be accepted.

13.5 A PhD scholar submits the synopsis of his/her thesis work to RAC one week before giving a seminar presentation on the same, as scheduled by the RAC, in an open seminar (named as Synopsis Seminar).

13.6 If the RAC approves the Synopsis, a PhD scholar is allowed to submit the same and the Supervisor sends a report of the Synopsis Seminar and the Synopsis of the thesis to the Chairperson RAC.

14. Thesis Format

14.1 In order to maintain the uniformity of the PhD thesis format throughout the Institute, a Scholar shall follow the format specified in the Annexure's and shall abide by the following requirements.

14.2 The colour of the thesis cover should be in dark blue with golden printing on it.

14.3 The order of the thesis content shall be as follows: Front Cover; Inside Cover; Dedication (optional); Declaration/Statement by the Scholar; Certificate by the Supervisor(s); Approval Sheet; Acknowledgement (optional); Abstract; Table of Content; List of Figures; List of Tables; List of Symbol/Abbreviation etc. (optional); Chapters; References; List of Publications in Journals; List of oral & poster presentations/Publications in conference.

14.4 The general thesis guidelines: Front Cover; Inside Cover, Dedication (optional), declaration/statement by the Scholar, Certificate by the Supervisor(s) and Approval Sheet should be printed out on single side with the page number in roman in the footer. The rest of the thesis content should be printed on both side using A4 size paper and the spacing should be one-and-a-half spaced. Footnotes, quotations, references and photographic captions may be single spaced. Where appropriate, these should contain lists giving the locations of figures and illustrations. The margin of the page should be with 1.5 inch on the left and 1 inch for all the other three sides except the title page.

14.5 At the beginning of the chapter, the chapter number and name should be mentioned on a separate page without any number in the footer and with Times New Roman, font size 20, bold. The chapter number should be mentioned in numeric e.g. 'Chapter 1'. The header should contain chapter number in Times New Roman with font size of 10 and right aligned. The footer should contain the page number in right aligned numeric from the content of

chapter 1 onwards. The type of style for 'Headings' should be Times New Roman, bold, all upper case, with font size of 14. Whereas, for subheadings, it should be Times New Roman, bold, and font size of 12. The text of the thesis should be in Times New Roman with font size of 12.

15. Thesis Submission

15.1 Within three (3) months of the acceptance of the Synopsis by the RAC, the scholars shall submit thesis.

15.2 At least fifteen (15) days prior to the submission of the thesis, the Supervisor(s) submit a panel of atleast eight (8) examiners (four from India and four from abroad) at the level of Professor /Associate Professor/ Assistant Professor (senior scale)/ Research Scientist to the DRC, who forwards the list to the Dean (Academic). The Dean (Academic) recommends the same to the VC for approval. The list of examiners remains confidential with the office of the Dean (Academic).

15.3 The scholar submits five (or six, if there are two Supervisors) copies of the thesis in soft binding format along with a soft copy to the Academic Section in the prescribed format (refer to section 14).

15.4 In addition, an undertaking from the research scholar and a certificate from the Supervisor(s) (Annexure II), and originality of the work (Annexure III), a plagiarism check report (Annexure IV), stating that there is no plagiarism, and that the work has not been submitted for the award of any other degree of the same Institution where the work was carried out, or to any other Institution, shall be submitted to the Academic Section.

15.5 The Academic Section of the Institute, with approval from the Dean (Academic), ensures mechanism using well developed software (e.g. Turnitin.com) and gadgets to detect plagiarism and other forms of academic dishonesty. A similarity index of 10% in the plagiarism check report is acceptable.

15.6 If a scholar fails to submit the thesis within 3 months from the date of the Synopsis Seminar, he/she shall present another Synopsis Seminar. His/Her Synopsis must be approved by the RAC and sent to the Dean (Academic).

15.7 The Academic Section of the Institute will issue an acknowledgement after the thesis submission to the concerned scholar.

16. Thesis Evaluation

16.1 A PhD thesis submitted by a scholar is evaluated by his/her Research Supervisor(s) and at least two external examiners who are not in employment of the Institute.

16.2 Such examiner(s) should be academics with a good record of scholarly publications in the field. The viva-voce board shall consist of the Research Supervisor and at least one of the two external examiners and may be conducted online.

16.3 The office of the Dean (Academic) with the help of AR (Academic) makes all correspondence with the examiners and shall give a monthly update on the following: Consent of external examiners, Thesis sent for evaluation, Report(s) received, and fixing the date of the viva, etc. to the concerned supervisor.

16.4 The Examiners are expected to send reports on the thesis within two months from the date of receipt of the thesis. In case the Examiner(s) do not send the report within two months, reminders are issued. If the report is not received despite the reminders, the Dean (Academic) replaces the Examiner(s).

16.5 Once the reports from all the examiners are received, the names of the Examiners are made available to the concerned Supervisor(s).

16.6 If all the thesis Examiners recommend the thesis for award of the PhD degree, the Dean (Academic) approves the conducting of the defence Viva Voce. Corrections in the thesis, responses to comments of the Examiners are ratified by the RAC.

16.7 If an Examiner suggests re-submission of the thesis, the scholar is allowed to resubmit the thesis after due revision within the time stipulated by the RAC.

16.8 If one Examiner recommends the thesis, and the other rejects, the report of the first examiner is sent to the second examiner and vice-versa. The examiners are requested to review their recommendations. If after this, there is one acceptance and one rejection, the matter is placed before the Dean (Academic) for possible replacement of the Examiner, who rejected the thesis.

16.9 If both the Examiners do not recommend the thesis for the award of the Degree, the reports are sent to the RAC, which can decide on one of the following options based on their assessment.

16.10 If the RAC is satisfied with the work already done and the contents of the thesis already submitted, it may request the Dean (Academic) that the thesis may be sent to another set of examiners. Such a request must be recommended by the Dean (Academic).

16.11 The RAC may advise the scholar to augment the research and submit the Synopsis again. If both the examiners do not recommend the thesis for the award for second time, the scholar is not awarded the degree, and the registration is cancelled.

17. Thesis Defence

17.1 Once all the thesis Examiners recommend the thesis for award of the PhD degree, the Dean (Academic) approves conducting of the defence (Viva Voce), which is open to all.

17.2 A PhD scholar makes an oral presentation on his/her thesis.

17.3 The Viva Voce Board (VVB) for conducting the PhD defence consists of:

Sl. No.	Viva Voce Board (VVB)	Role
1	Chairperson of the RAC	Chairman

2	Supervisor(s)	Members
3	One/both Examiner(s) of the thesis within the country/abroad (online)	Member
4	A faculty member of another department	Member
5	One faculty of the Department with knowledge of the subject of the thesis	Member

17.4 The VVB conducts the defence of the thesis by the PhD scholar ensuring that he/she answers all the queries of the thesis Examiners satisfactorily. If satisfied, the Chairman, and VVB forwards a report to that effect to the Dean (Academic) and recommends award of the PhD degree.

17.5 If the VVB finds the performance of the scholar unsatisfactory, the scholar will be asked to reappear for another defence on a later date (not earlier than a month and not later than six months from the date of the first defence).

17.6 If the VVB finds the performance of the scholar unsatisfactory on the second occasion also, then the matter will be referred to the Senate for a decision.

17.7 The VVB may also recommend revisions to be made in the thesis after taking into consideration the suggestions of the Examiners who evaluated the thesis, and the discussions at the defense. Once the revision(s) are incorporated in all the copies of the thesis, the Chairman of the VVB forwards the report to the Dean (Academic), recommending award of PhD degree.

17.8 Outstation examiners shall be paid TA/DA, thesis evaluation fee and honorarium as per the Institute rules. The outstation co-supervisor (if any) shall be paid TA/DA as per the Institute Rules.

17.9 Five (or six, if there are two Supervisors) final hard-bound copies of the thesis shall be submitted to the Academic Section for record keeping in the Section, the Central Library, the concerned Department, and to the Supervisor(s).

18. Award of the PhD Degree

18.1 Upon successful defense and prior to the actual award of the degree, the Institute shall issue a provisional certificate to the effect that the Degree has been awarded on the date of defense.

18.2 Following the successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree(s), the Institution shall submit an electronic copy of the Ph. D. thesis to the INFLIBNET, for hosting the same to make it accessible to all Institutions.

18.3 The VVB recommendation of award of PhD degree is ratified through Dean (Academic), finally approved by the Vice Chancellor of the university, and the scholar will be awarded PhD degree to the effect that the Degree has been awarded on the date of defence.

19. Issuing a Provisional certificate

Prior to the actual award of the Ph.D. degree, the institute shall issue a provisional certificate to the effect that the Ph.D. is being awarded in accordance with the provisions of these Regulations.

20. Fee structure for PhD

20.1 Fee structure

A.	Admission Fee	Amount (Rs)
A1.	Institute fee	2000.00
A2.	Tuition fee	15000.00
A3.	Other fee (Computer fee, Internet access, Library)	5000.00
A4.	Medical fee	2000.00
A5.	Student activity fee	2000.00
	T1 (A1+A2+A3+A4+A5)	26000.00
B.	Fee Payable at every semester	
B1.	Tuition fee	15000.00
B2.	Other fee (Computer fee, internet access, Library, examination)	5000.00
B3.	Medical fee	2000.00
B4.	Student activity fee	2000.00
	T2 (B1+B2+B3+B4)	24000.00
C.	Refundable Fee (at the time of admission)	
C1.	T3. Caution deposit	2000.00
D.	Hostel fees (payable every semester)	
D1.	Establishment charges	9000.00
D2.	Seat rent, electricity, and water charges	5000.00
D3.	Mess advance (6 months)	25560.00
	T4 (D1+D2+D3)	39560.00
E.	Total amount payable (at the time of admission)	
E1.	At the time of admission (Hosteller)	67560.00
E2.	At the time of admission (non-Hosteller)	28000.00
F.	Total amount payable (2nd semester onwards)	
F1.	Hosteller	63560.00
F2.	Non-Hosteller	24000.00

20.2 Accommodation for married students

Family accommodation (sponsored, QIP, foreign nationals with government assistantships), if available, may be provided to married students at the institute rate for married research scholar (MRS) quarters.

21. Checklist for submission of PhD thesis

**National Institute of Advanced Manufacturing Technology
Deemed to be University (Distinct Category)
Ranchi, Jharkhand**

Name:
Reg. No.:
Ph.D.: FT/PT

Check List of prerequisite documents/information for Pre-submission presentation

Sl. No	Documents	Status (Yes/No)	Remarks
01	Submission of annual progress report for the study period to RAC		
02	The satisfactory progress report of the scholar issued by the RAC of every year (Annex-I)		
03	Pre-Ph.D. presentation of the thesis before the RAC		
04	Acceptance/publication of minimum two of his/her research papers in SCI/SCIE/SSCI/SCOPUS indexed Journals		
05	Certificate of supervisor to the RAC in a prescribed format that research papers form a substantive part of the Ph.D. thesis of the concerned Research Scholar (Annex-II)		
06	An understanding from the research scholar and certificate from the PhD research supervisor(s) attesting the originality of the work, and that the work not submitted for the award of any other degree. (Annex-III)		
07	Plagiarism Evaluation Certificate, issued by the librarian stating the percentage of similarity. This certificate shall be attached with the PhD thesis. (Annex-IV)		
09	Submission of two copies of the synopsis of the thesis		

Signature of co-supervisor

Signature of supervisor

Signature of Dean (Academic)

Annual Progress and Performance Report

**National Institute of Advanced Manufacturing Technology
Deemed to be University (Distinct Category)
Ranchi, Jharkhand**

A. PROGRESS REPORT

1. Name of the Ph.D. student: _____ Registration No. _____
2. Department (i) _____ (ii) _____
3. Category: _____ FT/PT
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 RAC: _____
8. Any other information regarding work done: _____

Dated: _____ **Signature of Student**

B. PERFORMANCE REPORT

PERIOD: From _____ To _____

Satisfactory /Unsatisfactory

Remarks, if any: _____

Member, RAC

Member, RAC

Member, RAC

Co-Supervisor

Supervisor

Chairperson, RAC

Date: _____

FOR USE OF ACADEMIC AFFAIRS OFFICE

Recommendations submitted for consideration / _____

Dealing Asstt./Junior Supdt./Supdt.

AR(Academics)

DEAN OF ACADEMIC AFFAIRS

Annexure-II
Certificate from Supervisor

**National Institute of Advanced Manufacturing Technology
Deemed to be University (Distinct Category)
Ranchi, Jharkhand**

1. Name of the Ph.D. student:
2. Name of the Department / Centre:
3. Title of the Thesis:
4. Date of Thesis Defence: -----
5. It is to certify that:
(A), Registration No.has incorporated all the modifications/ corrections suggested by the examiners, during the presentation and viva-voce examination in the final submitted thesis.
(B) The research papers form a substantive part of the PhD thesis of the concerned PhD research scholar.

Supervisor (s)

**National Institute of Advanced Manufacturing Technology
Deemed to be University (Distinct Category)
Ranchi, Jharkhand**

Certificate of Originality

This is to certify that the PhD thesis title

..... of

....., Registration No..... is the original work
of the student, and that the work has not been submitted for the award of any other degree.

Signature of the research scholar

Signature of the supervisor (s)

**National Institute of Advanced Manufacturing Technology
Deemed to be University (Distinct Category)
Ranchi, Jharkhand**

**Plagiarism report of PhD thesis generated from turnitin Certification by
Central Library**

1. Name of the PhD scholar:

2. Registration No.:

3. Title of the thesis:

4. Name of the guide:

5. Name of the Co-guide:

6. Department:

7. Similarity Content (upto 10% acceptable):

Total word count of thesis only (excluding cover page, certificates, acknowledgment, references and annexures)

8. Date of plagiarism check:

Signature of Librarian

Seal

Date

Annexure-V
Report of Oral Defence Committee

**National Institute of Advanced Manufacturing Technology
Deemed to be University (Distinct Category)
Ranchi, Jharkhand**

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

Name of the Ph.D. student:

.....

Name of the Department / Centre:

.....

Title of the Thesis:

.....

Date of Submission of the Thesis:

Date of Thesis Defense:

Ph.D. student has submitted her/his responses to the questions raised by the examiners:

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.

Chairperson, RAC

Supervisor

Co-supervisor

External Examiner-1

External Examiner-2

Member-1

Member-2

Head of the Department

**No Objection Certificate for Admission into
Ph.D. Program**

(Full-time Sponsored Candidates)

(Should be typed on the letterhead of the sponsoring organization)

Reference No.

Date:

To
The Dean (Academic)
National Institute of Advanced
Manufacturing Technology (NIAMT)
Hatia, Ranchi - 834003, Jharkhand

Sub: Sponsoring an Employee for Ph.D. Program

Dear Sir,

We hereby sponsor the candidature of Mr./Ms./Mrs. -----
-----, Designation: who is a regular employee
in our organization, for joining the Ph.D. Program in the Department of at your Institute
as a full-time student.

It is certified that he/she has completed two years of service in our organization as a
regular employee. He/she has gained experience in the field(s) --.

If selected, we shall relieve him/her from his/her duties to join the program during the
first three years of the Ph.D. Program.

Signature and Seal of the Sponsoring Authority

**No Objection Certificate for Admission into
Ph.D. Program**

(Part-time candidates)

(Should be typed on the letter head of the sponsoring organization)

Reference No.

Date:

To
The Dean (Academic)
National Institute of Advanced Manufacturing
Technology (NIAMT)
Hatia, Ranchi - 834003, Jharkhand

Sub: For Part-Time Ph.D. Program

Dear Sir,

We hereby sponsor the candidature of Mr./Ms./Mrs. -----
-----, Designation: ----- who is a regular employee
in our organization, for joining the Ph.D. Program in the Department of at your Institute as
a part-time student.

It is certified that he/she has completed two years of service in our organization as a
regular employee. He/she has gained experience in the field(s) --.

If selected, the candidate shall be allowed to join the programme to (i) complete the course
work, (ii) attend the theory and practical examinations, (iii) attend field visits, (iv) attend &
arrange conferences/workshops etc. during the PhD programme. Research facilities shall be
extended to the candidate to carry out and complete his/her doctoral research

Signature and Seal of the Sponsoring Authority

**No Objection Certificate for Admission into Ph.D. Program
(NIAMT Employee)**

Reference No.

Date:

To
The Dean (Academic)
National Institute of Advanced Manufacturing
Technology (NIAMT)
Hatia, Ranchi - 834003, Jharkhand

It is certified that we have no objection if Mr./Mrs/Ms-----,
Designation: -----, a regular employee/staff member of
this Institute, working in the department of -----, is
applied for admission into the Ph.D. Program in the department of at this Institute.

If selected, he/she shall be allowed to attend classes/research work without affecting
normal duties assigned to him/her.

Signature of Head of the Department

Signature of Registrar

**No Objection Certificate for Admission into
Ph.D. Program
(Sponsored Research Project candidates)**

Reference No.

Date:

To
The Dean (Academic)
National Institute of Advanced Manufacturing
Technology (NIAMT)
Hatia, Ranchi - 834003, Jharkhand

Sub: No objection Certificate

Dear Sir,

I have no objection if Mr./Mrs/Ms. _____, a
research scholar/ Project fellow working under the project: _____
-----(title of the project), project code (DRC project code) funded by _____
----- (name of the funding agency), Sanction letter no.-----
-----, in the Department of -----, is admitted to the Full-
Time Ph.D. Program of the Institute.

It is certified that the minimum remaining period of the sponsored project as well as total
tenure of appointment of the said project employee must not be less than two years from
the date of joining the PhD programme.

If selected, I shall allow him/her to attend classes/research work during the Ph.D.
program without affecting normal project work assigned to him/her.

Name of Project investigator

Signature of Project investigator