

# Ordinances and Regulations

for

## PHD PROGRAMME 2023



(Applicable from 2023 Batch Onwards)

**DR B R AMBEDKAR**  
**NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR - 144008**  
**(An Institute of National Importance)**





## ORDINANCES

<b>O.1</b>	Dr B R Ambedkar National Institute of Technology Jalandhar awards the Doctor of Philosophy (PhD) degree through its Departments/Centres: Engineering/Sciences/Humanities & Management to a candidate who has successfully completed the stipulated Programme of Research.
<b>O.2</b>	The Programme of Research with the governing rules and regulations are formulated by the Senate of the Institute. The Senate can modify or change the structure, the governing rules and regulations from time to time.
<b>O.3</b>	A candidate to be awarded the PhD degree has to submit a thesis embodying his/her high quality original research work characterized either by the discovery of facts, or by a fresh approach towards the interpretation and application of facts, or development of innovative products and technologies as judged by the experts in the relevant area.
<b>O.4</b>	The PhD from Dr B R Ambedkar National Institute of Technology Jalandhar shall be conferred on a candidate who successfully completes all the requirements specified in these regulations, as approved by the Senate.

## REGULATIONS

### CATEGORIES OF PhD PROGRAMMES

The Institute admits PhD students under the following categories:

<b>R.1.1</b>	<b>FULL-TIME</b> A Research Scholar (RS) in this category works full-time at NIT Jalandhar for pursuing PhD degree.
<b>R.1.1.1</b>	<b>REGULAR</b> <ul style="list-style-type: none"> <li>(i) The candidates under PhD Full-Time Regular Programme are admitted for Full-Time with financial assistantship either from the Institute or from external funding agency (MoE/CSIR/UGC or any other govt. funding agency). The financial assistantship either from the Institute or from the external funding agency will be admissible subject to the fulfillment of all requirements, as stipulated by the Institute or by the external funding agency.</li> <li>(ii) In order to avail fellowship from the Institute or from the external funding agency, these candidates must have the following requirements, unless they are exempted for it. <ul style="list-style-type: none"> <li>a) Candidates with ME/MTech or equivalent degree having qualified GATE examination.</li> <li>b) The candidates with four-year Bachelor's degree (BE/ BTech/BDes or equivalent) as qualifying degree must have a valid and qualifying GATE score.</li> <li>c) The candidates with MSc as qualifying degree must have valid and qualifying GATE score or valid CSIR-NET(JRF)/INSPIRE/NBHM-PhD qualification, etc.</li> <li>d) The candidates having MA in Humanities and Social Sciences subjects or equivalent must have valid UGC-NET qualification.</li> </ul> </li> </ul>
<b>R.1.1.2</b>	<b>SPONSORED</b> <ul style="list-style-type: none"> <li>(i) A candidate in this category is sponsored by a recognized R&amp;D organization, academic institution, government organization or industry for doing research in the Institute on a full-time basis. The Institute does not provide any fellowship to such a candidate.</li> <li>(ii) The candidate under this category must be a regular employee of his/her organization with at least one year of experience at the time of applying and be engaged in professional work in the discipline in which admission is sought.</li> <li>(iii) The candidate should submit Sponsorship Letter from the employer along with the application. The application without Sponsorship Letter will <b>NOT</b> be considered.</li> <li>(iv) The final admission to the candidates under this category is based on the performance in the written test and/or interview conducted by the concerned academic department/center, academic credentials of the candidates, etc.</li> </ul>



<b>R.1.1.3</b>	<b>SELF-SPONSORED</b> <ul style="list-style-type: none"> <li>(i) The candidates under PhD Full-Time Self-Sponsored programme will be admitted without financial assistantship from NIT Jalandhar.</li> <li>(ii) The students under this category must be able to attend classes regularly as per the schedule of the Institute during the course work and do research work by reporting every day to the supervisor/department.</li> <li>(iii) The final admission to the candidates under this category is based on the performance in the written test and/or interview conducted by the concerned academic department/center, academic credentials of the candidates, etc.</li> </ul>
<b>R.1.1.5</b>	<b>QUALITY IMPROVEMENT PROGRAMME</b> <p>This category refers to a RS selected under the Quality Improvement Programme (QIP) of the AICTE. The RS works full-time in the PhD Programme as per the rules and regulations of QIP.</p>
<b>R.1.2</b>	<b>PART-TIME</b> <p>A RS in this category is a professionally employed person (including the staff of NIT Jalandhar), who pursues the PhD Programme while continuing the duties of his/her service. The Institute does not provide any assistantship/fellowship to such a RS. Such candidates have to submit a “No Objection Certificate” from their employer, failing which their candidature will not be considered.</p>
<b>R.1.2.1</b>	<b>EMPLOYED/EXTERNAL</b> <ul style="list-style-type: none"> <li>(i) The candidates under PhD Part-Time Employed/External programme are professionally employed persons (including regular employees of NIT Jalandhar) or sponsored by a recognized R&amp;D organization, academic institution, government organization or industry with adequate Research Facilities for doing PhD at NIT Jalandhar. These candidates should be able to complete their course work as per the Institute norms.</li> <li>(ii) The candidate under this category must be a regular employee of his/her organization with at least one year’s of experience at the time of applying and be engaged in professional work in the discipline in which admission is sought.</li> <li>(iii) The PhD student under external category may be carry out the PhD Thesis Research Work mainly at his/her parent organization under a Local Supervisor but with the overall guidance provided by a faculty member (NITJ Main Supervisor).</li> <li>(iv) The candidate under this category must be a regular employee of his/her organization with at least 1-year of experience at the time of applying and be engaged in professional work in the discipline in which admission is sought.</li> <li>(v) They should submit No Objection Certificate from the employer along with the application. The application without No Objection Certificate will NOT be considered.</li> <li>(vi) The final admission to the candidates under this category is based on the performance in the written test and/or interview conducted by the concerned academic department/center, academic credentials of the candidates, etc.</li> <li>(vii) The Institute does NOT give any fellowship to the students under this category.</li> </ul>
<b>R.1.2.3</b>	<b>PROJECT STAFF</b> <ul style="list-style-type: none"> <li>(i) The candidates under Project Staff and Part Time Category are presently working on sponsored R&amp;D projects at NIT Jalandhar.</li> <li>(ii) They pursue PhD programme at the Institute on part time basis.</li> <li>(iii) The remaining duration of the project at the time of admission should be at least one year. If the project gets completed before the student completes his/her PhD Programme, then his/her category will be converted to that of SELF-FINANCED unless he/she is absorbed in some other R&amp;D Projects or he/she is granted an fellowship from any other agency.</li> <li>(iv) They are not entitled to receive Fellowship from the Institute.</li> </ul>



		(v) They should submit No Objection Certificate from the Dean-R&C, NIT Jalandhar along with the application. The application without No Objection Certificate will NOT be considered. (vi) The final admission to the candidates under this category is based on the performance in the written test and/or interview conducted by the concerned academic department/center, academic credentials of the candidates, etc.
<b>ADMISSION</b>		
<b>R.2.1</b>	<b>ELIGIBILITY CRITERIA</b> The details of the eligibility criteria for admission to various PhD programmes are as given in the following section. The Senate reviews the same for admission to the PhD programme from time to time. Relaxation in academic qualification for reserved categories of students is as per Government of India guidelines.	
<b>R.2.2</b>	<b>MINIMUM QUALIFICATION</b>	
	<b>R.2.1.1</b>	<b>PhD in Engineering Departments:</b> Master’s Degree in Engineering/Technology/Science in the relevant area of research with minimum CGPA of 6.5 on a 10 point scale or equivalent in the qualifying examination.
	<b>R.2.1.2</b>	<b>Direct PhD:</b> Bachelor’s degree in Engineering/Technology from a Centrally Funded Technical Institute (CFTI) with minimum CGPA of 8.5 and above on a 10 point scale or equivalent in the qualifying examination.
	<b>R.2.1.3</b>	<b>PhD in Science Departments:</b> Master’s degree in Science/Engineering/Technology in a relevant area with minimum CGPA of 6.5 on a 10 point scale or equivalent in the qualifying examination.
	<b>R.2.1.4</b>	<b>PhD in Humanities and Social Sciences:</b> Master’s degree in a relevant area with minimum CGPA of 6.0 on a 10 point scale or equivalent in the qualifying examination.
	<b>R.2.1.5</b>	<b>PhD in Centers:</b> Master’s Degree in Engineering/Technology/Medical Sciences in the relevant area of research with minimum CGPA of 6.5 on a 10 point scale or equivalent in the qualifying examination.
<b>R.2.3</b>	The additional and detailed qualifications for specific departments shall be provided in an open advertisement in national dailies, media and on the Institute’s website. These criteria may be revised by the Institute from time to time.	
<b>FELLOWSHIP</b>		
<b>R.3.1</b>	Institute Fellowship will be available to eligible RS as per prevailing norms of Govt. of India. For Institute fellowship, the student is required to have qualified National Level Examination (such as qualified GATE and valid NET (UGC/CSIR)).	
<b>R.3.2</b>	Fellowship from external funding organizations will be available as per terms and conditions of the concerned funding organizations.	
<b>R.3.3</b>	The RS receiving Institute fellowships is required to perform academic duties of 8 hours per week as assigned by the DPGC.	
<b>R.3.4</b>	The RS receiving fellowships from any other external funding agency is also required to perform the academic duties as per the norms of the respective funding agencies.	
<b>R.3.5</b>	The continuation of the Institute fellowship or its enhancement is subjected to the satisfactory academic progress and performance of the assigned duties by the RS as per prevailing norms.	



**DEPARTMENT POST GRADUATE COMMITTEE (DPGC)  
AND  
RESEARCH ADVISORY COMMITTEE (RAC)**

**R.4.1**

**DEPARTMENT POST GRADUATE COMMITTEE (DPGC)**

The DPGC will look after the admission process and administrative responsibility of RS with the following composition:

**Table-1**

Head of the Department	<b>Chairperson</b>	
Two Faculty members from the department (one member from each specialization)	<b>Member</b>	Two years from the date of nomination
One Faculty member from an allied or other department	<b>Members</b>	Two years from the date of nomination
PhD Supervisor	<b>Invitee</b>	To be invited when discussing matters related to the respective Research Scholar
Two Student nominees (minimum)*	<b>Members</b> (In case of more than one PG programme offered by a dept., one student member from each programme)	One year from the date of their nomination or until they cease to be students of the Institute, whichever is earlier
Two Full-time Doctoral Students	<b>Members</b> (preferably one from 3rd year and the other from 4th year)	One year from the date of their nomination or until they cease to be students of the Institute, whichever is earlier
One Faculty member of the Department	<b>DPGC Secretary</b>	Two years from the date of nomination

*\*Student nominees from PG to be nominated by the respective batches on the basis of their academic, co-curricular and extra-curricular performance.*

The student members of the Senate and all its sub-committees abstain from the meetings, when the matters pertaining to academic evaluation of one or more students, admissions, disciplinary or other administrative matters are to be considered.

**R.4.2**

**RESEARCH ADVISORY COMMITTEE (RAC)**

The RAC, having the following composition, will look after the research and academic progress of each individual RS:

**Table-2**

(i)	A faculty member other than Supervisor(s) to be nominated by the DPGC	Chairperson
(ii)	Supervisor(s)	Member(s)
(iii)	One Faculty member from the department	Member
(iv)	One Faculty member from an allied or other department	Member

If found necessary, the RAC may also invite an external member with relevant expertise, for the State of the Art Seminar.

**REGISTRATION**

**R.5.1**

**REGISTRATION PROCESS**

**R.5.1.1** The RS is required to register in person on the scheduled date of registration as notified in the academic calendar/advertisement. No substitute arrangements will be entertained for





		the registration purpose.
	<b>R.5.1.2</b>	Registration process includes the payment of the registration fee and the submission of course registration forms.
	<b>R.5.1.3</b>	If an RS is unable to register on date of registration announced from time to time in the academic calendar, the RS can be granted permission under exceptional circumstances to register with a late fee.
<b>SUPERVISOR (s)</b>		
<b>R.6.1</b>	Every RS admitted to the PhD programme undertakes research under the guidance of a Supervisor (faculty member) of the Department/Centre in which he/she is registered. In the case of an external category, there is also a Supervisor in the parent organization (Local Supervisor).	
<b>R.6.2</b>	<b>ALLOTMENT OF SUPERVISOR(s)</b>	
	<b>R.6.2.1</b>	The DPGC coordinates the allotment of Supervisor(s) to a candidate after obtaining mutual consent of both the candidate and the Supervisor(s) as per the department and Institute policy.
	<b>R.6.2.2</b>	Supervisor shall be allotted within one month from the date of registration.
	<b>R.6.2.3</b>	A co-supervisor(s) can be allotted if required.
	<b>R.6.2.4</b>	The main supervisor is the coordinating supervisor for any administrative related matters.
<b>R.6.3</b>	<b>CHANGE OF SUPERVISOR(s)</b>	
	<b>R.6.3.1</b>	A faculty member allotted as a PhD supervisor(s) is expected to be available to a RS in the institute till the thesis is submitted.
	<b>R.6.3.2</b>	However, under unavoidable circumstances, such as: long leave, resignation, lien/deputation, superannuation, demises, unable to supervise, change or drop of research area due to any special reason, a new supervisor(s) may be allotted by DPGC with the consent of the RS.
	<b>R.6.3.3</b>	Any change of supervisor(s) will require the approval of the Chairman, Senate.
<b>COURSE WORK</b>		
<b>R.7.1</b>	The course work is essential, for the RS, to build up a strong foundation for conducting his/her research work. The course work requirements are intended to ensure that the RS develop breadth as well as depth in their understanding in their respective field. The RAC of the RS will prescribe the courses that the RS has to pass with requisite CGPA within a stipulated time. However, the DPGC may prescribe courses, if the RAC is not yet constituted. The RS has to register for the prescribed courses.	
<b>R.7.2</b>	RS admitted to PhD programme with two-year post-graduation qualification will have to fulfill the requirement of minimum of 12 credits.	
<b>R.7.3</b>	RS admitted to the Direct PhD programme with B Tech or 1 year post-graduation qualification will have to fulfill the requirement of minimum of 24 credits.	
<b>R.7.4</b>	The RS is required to secure minimum of 6.5 CGPA in the course work.	
<b>COMPREHENSIVE EXAMINATION</b>		
<b>R.8.1</b>	To evaluate the overall competence and mastery of concepts in the field of an academic discipline of the RS in the PhD Programme, a Comprehensive Examination is held.	
<b>R.8.2</b>	The maximum period for the Comprehensive Examination and State of the Art Seminar shall be 18 months for RS with Master's degrees and 24 months from the date of registration for the RS with Bachelor's degrees.	
<b>R.8.3</b>	Comprehensive Examination is held only after successful completion of course work.	
<b>R.8.4</b>	The mode of Comprehensive Examination (oral or written or both) as well as the modus operandi is decided by the RAC with recommendation of DPGC and is intimated to the RS.	
<b>R.8.5</b>	Constitution of comprehensive examination committee to be approved by DA	
	<b>TABLE 3</b>	
	(i) Chairman, RAC	Chairperson
	(ii) RAC Member(s)	Member(s)



	(iii) Two Faculty Member(s)	Member(s)
R.8.6	The date of the Comprehensive Examination, mode of examination and syllabus will be communicated to the RS at least one month prior to the date of examination.	
R.8.7	An RS failing in the first attempt will be given an opportunity for a second attempt not before one month and latest by three months from the date of the first attempt. If the student fails even in the second attempt, he/she is not allowed to continue in the PhD programme.	
STATE OF THE ART SEMINAR (SOAS)		
R.9.1	After the comprehensive examination, the RS is expected to present an exhaustive literature survey in his or her area of research work and formulate the research plan.	
R.9.2	The RS is required to present a State-of-the-Art-Seminar (SOAS) after the successful completion of Comprehensive Examination. Both the Comprehensive Examination and the SOAS have to be completed within the prescribed time period as mentioned in R.8.2.	

RESEARCH PROGRESS MONITORING		
R.10.1	HALF-YEARLY PROGRESS REPORT AFTER COMPLETION OF THREE YEARS	
	R.10.1.1	It is required to monitor the research progress of the RS from time to time. The RS shall have to give half-yearly research progress presentation to the respective RAC.
	R.10.1.2	The RAC will evaluate the performance and submit the performance report of the RS to the office of DA. The coordinating supervisor shall invite other RS and faculty members for the half-yearly research progress presentation.
R.10.2	EXTENSION BEYOND 5-YEARS	
	(i) The extension beyond 5 years requires the approval of the Senate.	
	(ii) For any extension, the recommendation of RAC shall be required.	
MINIMUM AND MAXIMUM TIME FOR THESIS SUBMISSION		
R.11.1	The minimum period for submission of PhD thesis is 3 years from the date of initial registration.	
R.11.2	(i) The maximum period for Full-Time RS is 5 years from the date of initial registration.	
	(ii) The maximum period for Part-Time RS is 6 years from the date of initial registration.	
	(iii) The Senate may extend the maximum period of thesis submission up to 7 years from the date of initial registration on the recommendation of the RAC.	
SYNOPSIS		
R.12.1	(i) The supervisor (s) shall convene a meeting of the RAC, when the research work is completed. At this stage, the RS should have earned the minimum course credits and a draft of the thesis is ready. Also, the RS has already fulfilled the minimum criteria of publication as a first author: at least 2 SCI/SCIE indexed research publications in non-paid journals (published or accepted). For the social sciences, the research publication will be at least 2 SCI/SSCI/AHCI/ESCI/ABDC (rating 'B' and above only) indexed in non-paid journals. However, if the publication is in a Q1 journal, the condition of non-paid will not apply. In very few exceptional cases such as in Defense related areas, in the absence of any publication, RAC may make recommendation based upon both quality and quantity of the research work of the RS to the Senate. The Senate may consider the recommendation and allow the RS to present open-house synopsis seminar.	
	(ii) For the submission of the thesis, the RS is required to present his/her open-house synopsis seminar and should be declared successful. The synopsis contains overview of PhD thesis.	
	(iii) RAC after satisfying with the research work of the RS will recommend submission of thesis to Dean Academic for its onward approval from the Chairman Senate.	



	(iv) After successful Synopsis Seminar, the RS will have to submit thesis within 3 months from the date of synopsis seminar presentation. (v) In case, RS requires more time, he/she will have to give application with justification to Dean Academic with the recommendation of RAC for extension of time, the approval of which may be given by the Chairman Senate.	
	<b>R.12.1.1</b>	(i) Upon satisfying the minimum criteria for synopsis, the RS, shall make an open house presentation in the department. (ii) The Research Supervisor will notify the invitation to all the faculty members, staff and students at least before one week.
	<b>R.12.1.2</b>	(i) The RS is required to submit the synopsis report to the RAC at least one week before the synopsis seminar. (ii) The synopsis report should contain an extended abstract of the research work carried.
	<b>R.12.1.3</b>	Based on the satisfactory synopsis seminar and quantum of research work, the RAC recommends for the submission of his/her thesis. The RS is required to submit his final approved synopsis report to the office of Dean Academic (DA).
	<b>R.12.1.4</b>	The RS is required to submit the thesis within the period of 3-months from the date of the synopsis seminar.
	<b>R.12.1.5</b>	If the RS fails to submit the thesis within three months from the date of synopsis seminar, he/she shall have to present another synopsis seminar. The synopsis has to be approved by the RAC.
<b>SUBMISSION OF THESIS</b>		
<b>R.13.1</b>	(i) The RS is required to submit the soft copy (also hard copies, if required) of the PhD thesis within a period of 3-months from acceptance of synopsis. The RS may have to submit 6- hard copies of thesis if required. (ii) A certificate of plagiarism check, and an undertaking from his/her research supervisor in the prescribed format should be included in the thesis.	
<b>THESIS EVALUATION</b>		
<b>R.14.1</b>	<b>PANEL OF EXAMINERS</b>	
	<b>R.14.1.1</b>	Two external experts, one from India and the other from abroad will examine the thesis.
	<b>R.14.1.2</b>	(i) Prior to the submission of the thesis, the Supervisor shall submit a panel of eight examiners of the relevant area, four each from India and abroad. (ii) The panel of examiners (confidential) is to be sent to the DA by the Supervisor (s). (iii) The Chairman Senate will appoint one foreign and one Indian examiner for the evaluation of the thesis.
	<b>R.14.1.3</b>	(i) Office of the DA will make all necessary correspondence with the examiners. (ii) Office of DA will obtain the willingness from the appointed examiners by sending them a copy of the synopsis. If there is no response from the examiner within one week, then a reminder will be sent by giving an additional week's time to respond. Still, if no response is received, then the office of DA will get another examiner appointed by the Chairman Senate out of the remaining examiners in the panel submitted.
<b>R.14.2</b>	<b>THESIS REPORTS</b>	
	<b>R.14.2.1</b>	After getting the willingness from the appointed examiners, the office of the DA will send a soft copy of the thesis to the examiners, unless the examiner specifically asks for a hard copy (spiral/soft bound) for detailed evaluation. The office of DA will convey to the thesis examiners that their evaluation reports should include:  (i) A definite statement as to whether the thesis is acceptable or not acceptable for the award of PhD degree.





		<p>(ii) List of questions to be asked or clarifications to be sought from the RS during the open house viva-voce examination.</p> <p>(iii) The detailed statement regarding the quality of the work undertaken.</p> <p>(iv) Statement whether the quantity of work done is sufficient for the award of PhD degree or not.</p> <p>(v) In case the examiners feel that:</p> <ul style="list-style-type: none"> <li>• Definite revision of the thesis is required,</li> <li>• Or, the thesis is not acceptable in the present form and has to be completely re-written due to insufficient quantity and/or quality of research work undertaken, it should be clearly stated.</li> </ul>
	<b>R.14.2.2</b>	<p>For evaluation, the examiners are requested to submit their report within a period of 45 days. The 1<sup>st</sup> reminder to examiners for their evaluation reports will be sent after the 30<sup>th</sup> day to inform that the report is due in 15 days. The 2<sup>nd</sup> reminder will be sent on the 45<sup>th</sup> day and the report due date may be extended for 15 days if needed. The final reminder will be sent on the 60<sup>th</sup> day, and again the report due date may be extended by one more week, if needed. Further extension, if needed, can be given on the discretion of the DA.</p> <p>In the absence of a response from the examiners, the DA may recommend change of Examiner to the Chairman Senate. The Chairman Senate may take appropriate decision in this regard.</p>
	<b>R.14.2.3</b>	<p>After receiving the examiners' reports, the copies of the reports shall be forwarded to the concerned research supervisor(s). The RS shall send the response to the Examiners' comments through the Supervisor to the DA for further action within a month.</p>
	<b>R.14.2.4</b>	<p>If one or both examiners ask for complete/partial revision of the thesis, the RS will be asked to re-submit the thesis after incorporating the necessary changes in light of the comments of the examiner(s) within a period of six months. The re-submitted thesis may be sent to the same examiner(s) again for evaluation, if required.</p>
	<b>R.14.2.5</b>	<p>If one or both examiners recommend the thesis for the award of PhD degree, subject to minor changes, the RS will be asked to re-submit the thesis after incorporating the changes in light of the comments of the examiner(s) within a period of three months. The re-submitted thesis may be sent to the same examiner(s), only if the examiner(s) has mentioned about it in his/her report(s).</p>
	<b>R.14.2.6</b>	<p>In case, both the examiners give positive/favourable reports, the thesis will be considered as accepted. However, if one of the examiners gives a positive/favourable report and the other rejects the thesis, then a copy of the thesis shall be sent to a third examiner appointed by the Chairman Senate from the panel. If the report of the third examiner is found positive/favourable, then the thesis shall be considered as accepted. In case, the third examiner rejects the thesis, then the Chairman Senate will decide (on the basis of the reports of examiners), whether the thesis is to be rejected/or referred again to a new set of examiners for a fresh evaluation.</p>
	<b>R.14.2.7</b>	<p>If both the examiners do not recommend the thesis for the award, the reports are sent to the RAC which can decide on one of the following based on their assessment.</p> <p>If the RAC is satisfied with the work already done and the contents of the thesis already submitted, it may request the Chairman, Senate that the thesis may be sent to another set of examiners. Such a request has to be recommended by the DPGC and DA.</p> <p>The RAC may advise the RS to augment the research and submit the synopsis again. If both the examiners do not recommend the thesis for the award for the second time, the RS is not awarded the degree and the registration is cancelled.</p>
<b>ORAL DEFENSE OF THE THESIS</b>		
<b>R.15.1</b>	<p>An RS whose thesis has been accepted for the award of PhD degree shall be required to appear in an open house viva-voce examination before the Oral Defense Committee (ODC). For an open</p>	



	house viva-voce examination, the RS makes an oral presentation on his/her thesis.																		
<b>R.15.2</b>	<p>The following is the composition of the ODC</p> <p style="text-align: center;"><b>Table-4</b></p> <table><tr><td>(i)</td><td>The Chairman, RAC</td><td>Chairperson</td></tr><tr><td>(ii)</td><td>One of the external examiners</td><td>Member</td></tr><tr><td>(iii)</td><td>One department faculty member nominated by DPGC (Other than RAC member)</td><td>Member</td></tr><tr><td>(iv)</td><td>One faculty member from allied or other departments (Other than RAC member)</td><td>Member</td></tr><tr><td>(v)</td><td>Research Supervisor(s)</td><td>Member(s)</td></tr><tr><td>(vi)</td><td>All other RAC members will be invitees</td><td>Invitees</td></tr></table>	(i)	The Chairman, RAC	Chairperson	(ii)	One of the external examiners	Member	(iii)	One department faculty member nominated by DPGC (Other than RAC member)	Member	(iv)	One faculty member from allied or other departments (Other than RAC member)	Member	(v)	Research Supervisor(s)	Member(s)	(vi)	All other RAC members will be invitees	Invitees
(i)	The Chairman, RAC	Chairperson																	
(ii)	One of the external examiners	Member																	
(iii)	One department faculty member nominated by DPGC (Other than RAC member)	Member																	
(iv)	One faculty member from allied or other departments (Other than RAC member)	Member																	
(v)	Research Supervisor(s)	Member(s)																	
(vi)	All other RAC members will be invitees	Invitees																	
<b>R.15.3</b>	After satisfactory performance of the RS in the open house viva-voce examination, the RS is required to submit a final version of thesis after incorporating the changes suggested by the ODC, if any.																		
<b>R.15.4</b>	The ODC shall forward its recommendations to the Chairman Senate for the award of PhD degree to the RS.																		
<b>R.15.5</b>	In case the RS fails in the open house viva-voce examination, he/she may be permitted to re-appear in the open house viva-voce examination at a later date (approved by the Chairman, Senate) after the recommendation has been made by the RAC in this regard (not earlier than a month and not later than six months from the date of the first oral examination).																		
<b>R.15.6</b>	The ODC may also recommend revisions to be made in the final version of the thesis after taking into consideration the suggestions of the examiners who evaluated the thesis and the discussion at the open house viva-voce examination. The Chairman of the ODC shall forward the report to the DA certifying that the recommended revisions by the ODC, if any, have been incorporated in all copies of the thesis, for award of the degree.																		
<b>AWARD OF PhD DEGREE</b>																			
<b>R.16.1</b>	<b>ISSUANCE OF PROVISIONAL DEGREE CERTIFICATE (PDC)</b> On successful completion of the open house viva after evaluation of thesis, the candidate shall be issued a provisional degree certificate (PDC) on the approval of the Chairman Senate.																		
<b>R.16.2</b>	<b>AWARD OF DEGREE</b> If the ODC recommends award of the degree, the RS will be awarded the PhD degree on the recommendations of the Senate of the Institute.																		
<b>LEAVE RULES</b>																			
<b>R.17.1</b>	The RS will be entitled to avail leave as per Leave Rules/Attendance Rules formulated and amended from time to time by the Senate. Presently, these Rules as mentioned in Appendix-1.																		
<b>CHANGE OF CATEGORIES OF PhD STUDENTS</b>																			
<b>R.18.1</b>	The Senate can consider the change from one category to another on recommendation of the RAC forwarded by Chairman, DPGC.																		
<b>CONDUCT AND DISCIPLINE</b>																			
<b>R.19.1</b>	The RS is required to observe proper discipline and decorous behaviour both inside and outside the campus. He/She should not indulge in any activity, which will tend to lower the prestige of the Institute. Regulations for the Conduct and Discipline are common for all the students of NIT Jalandhar.																		
<b>R.19.2</b>	Any act of indiscipline on the part of RS, which comes to the notice of the Department or the Institute, will be referred to the committee of the Senate from time to time. The committee will investigate the charges. If the charges are substantiated, it will recommend suitable punishment for the same to the Chairman, Senate. The decision of the Chairman, Senate will be final in this regard.																		
<b>R.19.3</b>	In addition, unauthorized absence for more than one month leads to disciplinary action, in the form of reduction of institute fellowship or even termination of studentship.																		



### **CANCELLATION OF REGISTRATION**

<b>R.20.1</b>	The PhD registration is liable to be cancelled for any of the following reasons: <ul style="list-style-type: none"><li>i. Giving false information at the time of application/admission.</li><li>ii. Not conforming to the regulations of the programme.</li><li>iii. Unsuccessful in course work.</li><li>iv. Unsuccessful in Comprehensive Examination.</li><li>v. Consistent lack of progress in research.</li><li>vi. Violation of discipline and conduct rules of the Institute.</li><li>vii. Not submitting a thesis within the stipulated period.</li><li>viii. Not enrolling for a semester within stipulated time.</li><li>ix. Regular, Sponsored (Full-time) and QIP category RS, remaining absent for more than 6 (six) weeks in a semester, without sanctioned leave.</li></ul>
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### **ILLEGAL AND OTHER MATTERS**

<b>R.21.1</b>	All other cases, not covered by the above, shall be referred to the Senate.
<b>R.21.2</b>	Any legal matter relating to Rules and Regulations under R.1 to R.21 shall be subjected to jurisdictions of Court(s) in Jalandhar.

**Note:** The Chairman Senate has power to amend/modify/nullify any of the above rules and regulations. The decision of the Chairman, Senate shall be final and binding.

## **APPENDIX-1**

### **1. LEAVE RULES**

The RS will be entitled to avail leave as per Leave Rules/Attendance Rules formulated and amended from time to time by the Senate. Presently, these Rules as mentioned under:

#### **(a) GENERAL PERMISSIBLE LEAVE**

- (i) A full-time RS, during his/her stay at the institute will be entitled to leave for 30 days including leave on medical grounds, per academic year in addition to public holidays and mid-semester breaks if any. He/she will not be entitled to any vacation.
- (ii) Leave beyond 30 days in an academic year may be granted to the RS only in exceptional cases, by the DPGC, subject to the following conditions:
  - The leave beyond 30 days will be without institute fellowship, and such cases should be approved by the DA. Such an extension may be granted only once during the entire PhD programme of the RS.
  - A proper leave account of each scholar shall be maintained by the Department/Centre/Programme Coordinator concerned.

#### **(b) MEDICAL LEAVE**

All the RS are eligible for medical leave up to 20 days in a calendar year. Medical leave shall be sanctioned by the DPGC. The RS will be required to produce a medical certificate issued either by the institute dispensary or from a Medical Officer of a Government Hospital. In case, the RS requires more leave beyond the period of 20 days, the RS will be required to drop the semester without fellowship. The semester drop shall be counted towards the total duration of the PhD programme.



#### **(c) MATERNITY LEAVE**

A female RS will be eligible for maternity leave with institute fellowship as per Govt. of India notifications released from time to time. However, the minimum registration period will be extended by the leave period only. Any additional leave of any kind can be permitted by the Chairman, Senate on the recommendation of the DPGC. Presently, NIT Jalandhar are adopting these rules as per the notification/D.O. No. 21-116/2021 dated 14/12/2021 issued by the University Grant Commission.

#### **(d) ON DUTY LEAVE**

All the RS shall be allowed to leave station for visiting other places preferably after completion of their course work or during vacations when there is no teaching work scheduled, if recommended by supervisor(s) and DPGC, and approved by DA well in advance for various purposes like library consultation, meeting experts, presentation of research papers/participation in the conferences/short term courses/symposiums/workshop etc., getting samples tested from other laboratories, using the lab facilities elsewhere if the same is not available at NIT Jalandhar, interaction with the external supervisor, and any other similar purpose as recommended by his/her supervisor(s) and DPGC. For these purposes, he/she shall be permitted for 30 days per year.

#### **(e) LONG DUTY LEAVE**

If the RS needs to visit Industry/Research Laboratory/Institute for experimental work/data collection/high-end computing facilities, the student can avail a total of 180 days leave for his research work in the entire duration of PhD programme only on the strong recommendations of the RAC. The minimum duration for such leave shall be of 60 days. However, the student will register himself in person at the time of registration if it falls within the leave period. Fellowship shall be paid to the RS on the basis of the attendance and performance report received from the respective Industry/Research Laboratory/Institute.

#### **(f) ABSENCE WITHOUT SANCTIONED LEAVE**

Absence without sanctioned leave will entail loss of financial fellowship for the period of absence and may result in the termination of the student's programme on the recommendation of the supervisor and DPGC by the Chairman, Senate.

#### **(g) PROVISION OF SEMESTER LEAVE/SEMESTER DROP**

There are certain cases in which the RS is not able to attend the institute due to unforeseen circumstances beyond the available leaves. Therefore, a provision of semester drop has been included in the PhD regulations for such unforeseen circumstances.

A maximum of 2 semester drops on Medical ground and 1 semester drop for other unavoidable reasons may be allowed to any RS. However, such an application shall be considered by the DA only in exceptional circumstances and such application should be duly recommended by the concerned supervisor and DPGC. The concerned RS shall be required to pay the full semester fee and such semester drop shall be counted towards the total duration of the PhD programme. No institute fellowship shall be paid for the semester dropped.