

Amendments to B.Tech./B.Arch./M.Tech/MCA/PhD Ordinances and Regulations

Amendments to B.Tech & B.Arch Programmes applicable to Regulation 2019 admission onwards

1. Makeup examinations with revised Medical Certificate Format

The rule R.17.2 related to allow makeup examination in the basis of medical ground is modified as based on 75th meetings of the senate (Minute no: S.75.2.1), given below:

The medical certificate format with the modification that the title “NITC health Centre” be removed so as to help the students to get the certificate from the hospitals where they get treatment and later to be endorsed by the medical officer in the institute health Centre, as per extant rules.

2. Policies for crediting SWAYAM courses

Based on 84th meetings of the senate (Minute no: S.84.5), following rules are formulated:

- i) The AQMC shall finalise the grades of the students after collecting the total marks obtained for each student and statistical data for the course from SWAYAM platform.*
- (ii) If students from various departments in the institute are crediting the same course from SWAYAM platform, a common class committee may be formed with AQMC and faculty mentors of the course from the departments involved.*
- (iii) Students from 5th, 6th and 7th semesters are allowed to credit courses from SWAYAM. The number of such courses that a single student can credit is restricted to TWO.*
- (iv) More than TWO courses credited from SWAYAM will not be recorded in the grade card.*
- (v) Eighth Semester students are NOT allowed to credit the courses from SWAYAM. (NPTEL suggests that it is not advisable for the final semester students to take these courses as there can be issues in the result publication time and risk of failure).*

3. The number of credits the students can earn from SWAYAM online courses

Based on 78th meetings of the senate (Minute no: S.78.8.7), the number of SWAYAM online courses admitted by a student shall be limited as follows:

The number of courses that a student can earn from SWAYAM platform shall be limited to 2 elective courses and those can be in place of the 2 Global Electives of the curriculum.

4. Change in the definition of CGPA to percentage conversion

The Rule R.24.3 related to CGPA to percentage conversion is modified as per 84th meetings of the senate (Minute no: S.84.3.1). The modified rules may be read as

- (i) *The Cumulative Grade Point Average (CGPA) awarded by NIT Calicut is not convertible to percentage. However, notionally the CGPA may be multiplied by a factor of 10 to obtain a numerical percentage.*
- (ii) *This regulation is effective from 15th June 2021 onwards and is applicable to all graduates of National Institute of Technology Calicut, irrespective of their year of graduation.*

5. Splitting the B.Tech project work as institute project and industry internship

The rule R18 is modified as per 84th meetings of the senate (Minute no: S.84.3.3) as follows:

The project work in the seventh semester/ninth semester is the prerequisite of the Project work in the eighth semester/tenth semester as the project work in the latter semester needs to be the continuation of the former one.
However, for B Tech students who wish to carry out their project outside the institute with the recommendation of DCC, the project work in the eighth semester need not be the continuation of the former one. In such cases, the students will have to submit two project reports separately for the two semesters.

Amendments to M. Tech. and M. Plan Regulation 2018 admission onwards

1. PG Admissions pertaining to the eligibility criteria

The rule R.1.2 is modified as per the 74th meetings of the senate (Minute no: S.74.4.6), the minimum eligibility condition specified for the admission to various PG programmes and PhD programme at the Institute shall be modified as follows:

Candidates should have passed the qualifying degree from a recognized University/Institute and secured at least 6.5 CGPA (on a 10-point scale) or 60% for OC/OBC/EWS, whereas 6.0 CGPA (on a 10-point scale) or 55% in case of SC / ST / PwD candidates. Conversion from CGPA to percentage or vice versa given by individual Institute/university will not be considered / allowed.

2. Regarding “S grade” for M.Tech dissertation

The last section of R.18.9 is modified as per 82nd meeting of the senate (Minute no: S.82.2.3) as follows:

“The project work/thesis will be considered for awarding Grade ‘S’ only if a paper, based on the project work is published/accepted for presentation at least in a Scopus indexed conference or a software copyright is granted. However, in exceptional cases, where the student and the guide want to submit a journal/conference publication at a later stage and if the student is able to submit the draft version of the journal/conference paper to the evaluation committee at the time of final presentation of the project work, the student may be considered for awarding S grade if the committee finds the work to be excellent and guide ensures the submission of the work for journal/conference publication”.

Amendments to Ordinances & Regulations for Ph.D. Programme applicable to 2017
Admission onwards

1. Regarding Open seminar, Synopsis submission and Defence (Engineering and Architecture)

The rule R23 (a) is modified based on 60th senate meeting (Minute no: S.60.2.6) as follows:

“Only those research scholars, who have one research paper accepted, and one research paper communicated in a journal covered by Science Citation Index (SCI) and Science Citation Index Expanded (SCIE) based on the research work carried out, to give open seminar with respect to all the disciplines except Architecture. For Architecture, one research paper accepted and one research paper communicated in a journal covered by Thomson Reuters citation shall be made compulsory for giving open seminar.”

The rule R25 (d) is modified based on 60th senate meeting (Minute no: S.60.2.6) as follows:

“at the time of oral examination (defense), the research scholar should have at least two papers accepted/published in a journal covered by Science Citation Index (SCI) and Science Citation Index Expanded (SCIE) based on the research work carried out, with respect to all the disciplines except Architecture. For Architecture, two research papers accepted/published in a journal covered by Thomson Reuters citation shall be made compulsory at the time of oral examination (defense)”

Further the following decisions in the 60th senate meeting vide Minute no: S.60.2.6 itself are also to be incorporated.

- (i) R.8.2.1 (i) and (ii) shall be rewritten to clearly define the role of a faculty, who is about to retire, in admitting PhD students and the role of a faculty, who retires from service, in continuing the guidance of PhD students.
- (ii) R.10 (1) shall be modified to keep provisions for the inclusion of external members as DC members in accordance with clause (V) of R.10 (2).
- (iii) R.12 (a) shall be modified to include ‘Research Methodology’ as a compulsory course for PhD students (Pass/Fail category) in addition to the other course requirements mentioned in R.12 (a).
- (iv) In R.12 (b), “with advance standing” given in line number 1 shall be deleted.
- (v) In R.14 (a), line 3 to 5 shall be modified as “Research scholar shall submit reports of his/her work completed, to the DC and make a presentation on the progress of his/her works in the DC meeting”.
- (vi) R19 shall be modified to permit only the research scholars who have published a research paper in journals acceptable in NIRF ranking shall only be permitted for conversion from full time to part time.

- (vii) First line of R.22.5 shall be modified as “Leave more than 7 consecutive days for prolonged illness or other medial or valid reasons”.
- (viii) R.24 shall be modified to include that the panel of examiners for PhD thesis evaluation should have minimum 4 from reputed institutes of higher learning and research in India and 4 from reputed institutes of higher learning from outside India.
- (ix) The panel of examiners shall contain foreign examiners from only those institutes/Universities listed in QS world ranking. The cut off ranks of Institutes/Universities from which the foreign examiner can be nominated shall be decided later by the Senate with the recommendation from BoAC.

1. PhD eligibility criteria

The rule R.1 related to PhD eligibility criteria is modified as per 75th meetings of the senate (Minute no: S.75.2.6), the modified rules may be read as

The qualification MBBS with MD/MS/DNB is also considered as criteria for PhD admission.

2. Guidelines for direct admission of B Tech graduates to PhD programme

Based on the decisions of the senate in its 75th meeting (Minute no: S.75.5) and 82nd meeting (No. S 82.2.4), the guidelines for direct admission to PhD are formulated as given below:

- (i) *Admission will be offered to Full Time PhD programme in various disciplines for B Tech/ B.E graduates with good academic records and research potential. The programme is envisaged to have a course work component with a flexible structure of courses essential to pursue the research work together with a rigorous research constituent to demonstrate the analytical, innovation and problem solving skills developed by the scholar.*
- (ii) *Eligibility Criteria is given as follows:*

Qualifying Degree	Minimum performance in qualifying degree	Additional Requirements
B.E./B.Tech or equivalent	8 CGPA on a 10-point scale or 75% Marks (for General/OBC) 7.5 CGPA on a 10-point scale or 70% Marks (for SC/ ST)	Qualified GATE/CSIR/UGC NET/ICAR/DST INSPIRE fellowship/ Any other relevant fellowship OR

		Minimum 2 years of professional experience in an industry with R&D wing/ in an R&D lab of reputed institution/ in an R&D organization (acquired after obtaining the qualifying degree)
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- (iii) *The qualifying degree should be completed **not more than 5 years** at the date of application.*
- (iv) *Direct Ph.D. programme shall be implemented only in Engineering Departments now.*
- (v) *The duration of the degree course in Engineering/Technnology should be at least 4 years after 10+2 (i.e.10th Std and 12th Std). However, those who have a diploma after the 10th Std and have been exempted for 1 year in the Engineering/Technology are also eligible to apply*
- (vi) *Direct PhD admission of B. Tech. graduates shall be restricted to candidates who have qualified GATE. Final selection will be based on the percentage of marks (CGPA) scored for qualifying degree, GATE score or other academic credentials and performance in test & interview conducted by the respective department*
- (vii) *The scholars need to credit courses recommended by the supervisor and the doctoral committee for atleast 30 credits and shouldsecure a minimum CGPA of 7.*
- (viii) *The scholars need to clear the Comprehensive Examination within 3 years of admission.*
- (ix) *Minimum duration for submission of the thesis is 4 years and maximum duration is 7 years.*
- (x) *A scholar shall be eligible for the Institute fellowship for a period not more than five years.*

3. Norms to include external faculty/expert as Ph.D. co-supervisor

Based on 75th meetings of the senate (Minute no: S.75.8), following rules are formulated to include external faculty/expert as Ph.D. co-supervisor

A faculty or a scientist who satisfies all the following requirements may be allowed to act as co-guide for a research scholar of NIT Calicut

Category 1 (For applicants from India)

1. *Ph.D. degree holder who is a regular employee in an institution with NIRF ranking within 100 in the last 3 years or reputed industry/ R&D organization with minimum 5 years of teaching / research experience after Ph.D. degree*
2. *Parent institute should be recognized by national agencies like UGC/AICTE/MCI or any other agencies recognized by central/ state governments*
3. *Three years of experience in research guidance after Ph.D degree in parent institute or any other institute recognized by MHRD, Government of India*
4. *Five publications in reputed SCI journals **OR** Three publications in reputed SCI journals and one patent obtained **OR** Three publications in reputed SCI journals and experience in implementing at least one high value R & D project (not less than Rs. 25 lakhs) as the Principle Investigator (Item 4 is for contributions during last 5 years)*

Category 2 (For applicants from abroad)

1. *A faculty/ Scientist/ R & D Engineer from outside India with Ph.D degree can be allowed a co-guide if he/she is from a very reputed institute/University (with QS ranking within 500) with very good academic ranking/international recognition*
2. *Three years of experience in research guidance after doctoral degree in parent institute or any other reputed organization/industry.*
3. *Five publications in reputed SCI journals **OR** Three publications in reputed SCI journals and one patent obtained **OR** Three publications in reputed SCI journals and experience in implementing at least one high value R & D project as the Principle Investigator. The value of high value project can be decided by the concerned department (Item 4 is for contributions during last 5 years).*

4. PhD admission of research staff under funded project

The rules R 3.1 and R.21 (related to the Part-Time Ph.D. Programme for the research staff of the Institute) is modified based on 75th meetings of the senate (Minute no: S.75.9.3), the modified rules may be read as

R.2 Eligibility

(d) Registration under part-time scheme is available to full-time employees of NIT Calicut or research staff (should have completed a period of not less than 6 months in the project and projects should be in force for at least two more years) working on sponsored research projects in the Institute. Members of the faculty appointed on contract basis at NIT Calicut, for a period of 3 years or more can also apply under this scheme (see R.3).

R.3 Part-Time Ph.D. Programme for employees and research staff of the Institute

R 3.1. The Institute offers Ph.D. programmes under part-time scheme for regular employees of the Institute (see R.2). They need to apply for the same at the normal time of admission with the recommendation of the Head of the Department in which he/she is employed in the Institute.

Research Staff, who are working on sponsored research projects in the Institute are eligible to apply for Part- Time Ph.D programme in the Institute, provided they have completed a period of not less than six months on the project and the project is in force for at least two more years, at the normal time for admission, with the recommendation of the Principal Investigator, Head of the department and Dean (R&C). A certificate to

this effect from the Principal Investigator concerned should be attached to the application form. Such research staff shall register for Ph.D programme under Part-Time Scheme, once they successfully complete the Institute admission process (Test and/or interview) for the Ph.D programme. At the time of exhausting of fund from the project, a financial support may be provided as per the availability of scholarship in the Institute at that time, provided the scholar converts his/her part-time registration to full-time (R21). In any case, they shall be eligible for such scholarship only for a maximum period of five years from the time of first registration for the Ph.D programme.”

R.21 Change of Registration from Part-time to Full-time Programme and vice versa

R.21.1 A research scholar admitted to part-time/external registration programme may be allowed to change his/her registration to full-time studies at the beginning of a semester on the recommendation of Doctoral Committee and with the approval of BoAC. In such cases, for determining the duration of the programme, one semester of full-time research work carried out in the Institute will be counted equivalent to two semesters of part-time research. A Part-time scholar can convert his registration to Full-time at any time without any additional financial support from the Institute on recommendation of the committee constituted by Dean (Academic) for the purpose. The scholar may be eligible for scholarship/additional financial support from the Institute provided he/she has a paper publication based on the research work in a journal recognized by NIRF. A Full-time scholar supported by any external funding agency may be eligible for financial support from the Institute at the time of exhausting the scholarship from the funding agency provided the scholar has one paper publication based on the research work in a journal approved by NIRF. A research staff working in a sponsored research project may be allowed to change his/her registration from part time to full time at the time of exhausting of fund from the project. In all the above cases, the financial support may be provided as per the availability of scholarship in the Institute at that time. In any case, they shall be eligible for such scholarship only for a maximum period of five years from the time of first registration for the Ph.D programme.

5. Removing the age limit for PG and PhD admission

The rule R. 2 (g) is modified based on 82th meetings of the senate (Minute no: S.82.2.6) as follows:

The restriction on age limit of 50 years for ~~PG~~ & PhD admissions was removed except direct Ph.D Programme (Full Time).

6. Incorporating GATE as an additional Eligibility criterion for PhD admission

The rule R.1 is modified based on 82th meetings of the senate (Minute no: S.82.3). The modified rules may be read as

For the admissions to Ph. D. Programmes under the Regular (Fulltime) scheme, a GATE score (obtained at some point of time in the past) in the respective disciplines or fellowships such as JRF/UGC/NET/CSIR/KSCSTE etc. or qualification in any other national level tests as specified by the GoI order No. F. No. 33 – 1/2019 – TS.III dated

1st February 2019 is also made mandatory in addition to the other eligibility criteria specified by the individual Departments/Schools.