

Information Brochure

Admission to PhD Programme
Academic Session: 2023-24 (Even Semester)



National Institute of Technology Sikkim

Ravangla-737139, Sikkim, India

- Candidates are advised to read this information brochure carefully and visit our website <http://www.nitsikkim.ac.in> regularly for updates.

1. PhD Programmes

The Institute offers PhD programmes in the following Departments/Disciplines:

Engineerings:

1. Computer Science and Engineering
2. Electrical and Electronics Engineering
3. Electronics and Communication Engineering
4. Mechanical Engineering

Basic Sciences and Humanities:

5. Chemistry
6. Mathematics
7. Physics
8. Humanities and Social Sciences (English)

Interdisciplinary:Combination of more than one departments

Programme Categories

Each of the above-mentioned departments offers Full-time and Part-time PhD Programmes under the following categories:

1.1. Full-time research fellows

Institute Research Fellow: In this category candidates are eligible for financial assistantship/fellowship from NIT Sikkim in the form of teaching or research assistantships. The fellowship shall be awarded to PhD candidates on a semester-to-semester basis as per the rules and regulations of the Institute/ Ministry of Education (MoE). Such candidates are expected to devote at least eight hours per week towards duty including tutorial/laboratory class works, laboratory development etc. or any other job as assigned by the Department/Institute time to time. The renewal of fellowship is dependent on the satisfactory academic performance of the candidate and discharge of duties as assigned to him/her by the department or Institute.

Fellowship will be as per the Institute/MoE norms and may depend on the qualification of the candidate. A research fellow awarded fellowship shall not be eligible to receive any other salary, stipend, emoluments, scholarship, fellowship, etc. during the tenure of the award. See **Section 2** of this brochure for the complete list of general eligibility criteria for admission to PhD programmes at NIT Sikkim.

Research Scholars with External Assistantship: Candidates getting fellowship/ scholarship/ assistantship from Govt./ Semi Govt./ Autonomous/ Private/ other organizations.

Self-financed Candidates: This category refers to students with no fellowship/ scholarship/ assistantship from the Institute or otherwise.

1.2. Part-time research scholars

Research Fellow registered under collaborative research programme between NIT Sikkim and other Universities / Institutes / R&D organisations in India or abroad.

Candidates from Govt./ Semi Govt./Autonomous/ Private/ other organizations or self-sponsored in India or abroad, which are well-equipped with the necessary research and library facilities and interested in collaborative research work with NIT Sikkim, OR Faculty members working at NIT Sikkim, may be considered for admission to PhD programme at NIT Sikkim under this category.

- **One semester residential requirement:** All the candidates admitted under this category must fulfil one semester (i.e., must stay six (06) months) residential requirement at the Institute to complete their necessary course works and will not receive any financial support from the NIT Sikkim in any form. The requirement of Institute supervisor is mandatory in this category, and the external supervisor from his/her Institute /R&D organization is optional and subject to the approval of the SPGB or equivalent committee.
- **Experience:**
 - An employee should have a minimum TWO years working experience.
 - A member of the non-academic staff of the Institute who satisfies eligibility qualifications may be considered for admission to Ph.D. program on part time basis provided s/he has been given administrative clearance by the Director of the Institute and possesses minimum THREE years of relevant working experience in the Institute.
- Candidates, who wish to apply under this category, are required to route their applications through their organization clearly stating that, their Organizations/Institutes are equipped with the necessary research and library facilities. The candidate is in employment with the sponsoring organization at the time of admission/ enrollment.

2. Eligibility for Admission

The general eligibility criterias for admission in all Departments/fields are given below. These eligibility criterias are the absolute minimum. Departments may prescribe any other requirements over and above the minimum criteria as per the institute rules.

- Engineering/ Technology:***
 - Bachelor (BE/B.Tech) and Master degree (ME/M.Tech) in relevant discipline of Engineering/Technology with minimum 60% marks or 6.5 CGPA in both;

OR

 - Bachelor degree (BE/B.Tech) in relevant discipline of Engineering/ Technology from IITs / NITs / IIITs / other CFTIs with minimum 85% marks or 9.0 CGPA.
- Basic Science and English:*** Master degree in relevant discipline of Science/English with minimum 60% marks or 6.5 CGPA.

For SC/ST/PwD candidates, a relaxation of 5% marks or 0.5 CGPA will be considered.

In addition to the general criteria, the following category-wise **additional essential criteria** for PhD admission are compulsory:

- For Full-Time*** (Institute Research Fellowship)– Fellowship/Scholarship will be awarded as per the ministry office memorandum no. F. No. 15-2/2019-TC, dated 16th July, 2019 issued by Ministry of Education (MoE), Govt. of India. However, the fellowship/scholarship will be awarded based on the suitability of the candidate and availability of the fund.
- For Part-Time*** – (i) Minimum TWO years teaching/research/industry experience. (ii) Minimum THREE years for a non-academic staff of the NIT Sikkim.

Interested candidates are requested to visit the institute website and may see the research interest of the regular faculty members.

3. Duration of the Programme

The duration of the programme and the time for submission of the thesis are counted from the date of enrolment. The period to complete the PhD Programme is normally two to five years for full-time candidates from the time of enrolment. However the candidate may be given an additional time of two years without fellowship by the approval of Dean Academic. The

request for such extension may be considered as per the institute PhD rules. If the scholar fails to submit the thesis by the deadline of the final extension, his/her registration stands cancelled. For part-time candidates, PhD thesis has to be submitted within Seven (07) years of enrollment with extensions, if any. Further request for the extension can be considered and approved by the Senate only.

4. Fee Structure

The fees structure is attached as Annexure A.

5. Application Procedure

Eligible candidates are required to fill up the application form ONLINE using the link provided in the Institute website www.nitsikkim.ac.in.

Note:

- i. Application fee has to be deposited online only. Applicant has to pay through **Online Payment Gateway**. Visit the following link:
https://nitsikkim.ac.in/admission/fee_structure.php
- ii. The applicant has to take a receipt of the online payment and note the transaction id.
- iii. Candidates applying for more than one programme in different departments have to apply on separate application forms, with **application fee** for each programme.
- iv. Incomplete applications or applications not in specified format or applications not received in time will not be considered.

6. Selection Procedure

Selection procedure will be notified to the shortlisted candidates by email. Moreover, the names of shortlisted candidates will be displayed on the Institute website along with the detail schedule and venue of examination and/or interview.

7. Documents Required

The candidates are required to furnish the following documents at the time of **written examination and/or interview in original** for verification:

- i) Valid Photo-ID proof
- ii) Marksheets and Degree Certificates of all qualifications/degrees starting from class 10th or equivalent.
- iii) Character Certificate issued by the Head of the Institution/Department last attended.
- iv) OBC/SC/ST/PD certificate, if applicable.
- v) Proof of Date of Birth.
- vi) Statement of Purpose indicating the area and type of research work proposed to be carried out.
- vii) GATE/NET qualification certificate
- viii) Appearing Certificate from the Head of the Department/Institute for candidates appearing for final examination of the qualifying degree.
- ix) Re-print of research publications (1st page only), if any
- x) Any other information related to eligibility
- xi) Fellowship/Scholarship award certificate (for funded by other agencies, NET/CSIR/UGC, etc)
- xii) No Objection Certificate from employer for one semester residential stay at NIT Sikkim, otherwise application may be rejected (for part-time).
- xiii) Experience Certificate (for part-time only).

8. General Information

- i) The number of seats will be decided by the Institute.
- ii) Reservations are applicable as per Govt. of India norms.
- iii) Mere eligibility will not vest any right on any candidate for being called for interview. In all matters, the decision of the institute will be final.
- iv) The institute reserves the right to set higher selection criteria for admission to PhD program and may adopt adequate admission procedure as decided by the institute at any time before the admission. Such information will be displayed in institutes website time to time in advance.
- v) Canvassing in any manner would entail disqualification of the candidature.
- vi) Shortlisted candidates for written test and/or interview will be intimated through e-mail/mobile or uploading the list in the institute website. No separate call letter for written test and/or interview will be issued.
- vii) No request for change of interview schedule shall be entertained.
- viii) No TA/DA shall be payable and the candidates are required to make necessary boarding and lodging arrangements on their own.
- ix) Selected candidates will be informed by e-mail/mobile and they are expected to join immediately.
- x) Candidates appearing for documents verification without complete information/ original supporting documents during written test and/or interview, his/her candidature will be cancelled.
- xi) The PhD program including admission procedure shall be governed by the rules/regulations of the institute and further amendments/orders approved by the senate of the institute time to time.
- xii) The Institute reserves the right to refuse admission to any candidate without assigning any reason. All disputes are subject to Gangtok High Court only.
