

Information Brochure

Admission to PhD Programme
Academic Session: 2018-19 (Monsoon Semester)



National Institute of Technology Sikkim
Ravangla-737139, India

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

Updated : 9th April, 2018.

1. PhD Programmes

The Institute offers PhD programmes in the following Departments:

1. Electronics and Communication Engineering – **Only for FT02 and PT01 categories**
2. Electrical and Electronics Engineering – **for all categories**
3. Mechanical Engineering – **for all categories**
4. Physics – **for all categories**
5. Chemistry – **for all categories**
6. Mathematics – **for all categories**

Over and above the programmes in various disciplines, candidates are strongly encouraged to undertake PhD in **interdisciplinary areas**.

Programme Categories

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

Full-Time	Category code
Institute Research Fellow	FT01
Research Fellow under sponsored project funded by Government agencies, organisation etc.	FT02

Part-Time	Category code
Research Fellow under collaborative research programme between NIT Sikkim and other Government Universities/ Institutes / R&D organisations in India or abroad. OR Faculty members working at NIT Sikkim.	PT01

1.1. Full-time research fellows

(i) **Institute Research Fellow**

Category Code - FT01

In this category candidates are eligible for financial assistanship/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 for a period of upto six semesters and is extendable by two semesters on the recommendation of the Institute Postgraduate (IPG) Committee. 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/MHRD norms and may depend on the qualification of the candidate. A research fellow is also reimbursed a contingency expense as per the

approved terms and procedures to be notified time to time by the Institute. The reimbursement is done twice annually during the period of fellowship.

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.

To qualify for the Institute Fellowship —

- GATE / NET(LS or JRF) qualifying certificate is mandatory.
- Bachelor and Master degree in the appropriate discipline from an institute of national importance / UGC-/AICTE-approved University/Institution are mandatory.

See **Section 2** of this brochure for the complete list of general eligibility criteria for admission to PhD programmes at NIT Sikkim.

(ii) Research Fellow under sponsored project funded by Government agencies, organisation etc. Category Code - FT02

Candidates who receive financial support from government / semi-government agencies / Organizations such as CSIR, AICTE, UGC, DAE, DST, DBT, NBHM / Inspire Fellowship or reputed industries/ recognized R&D Organizations are eligible for doing research work in the Institute under this category.

Candidates from foreign countries / Candidates, who are working in regular position, not sponsored but released from only Government Departments/Organisations/Institutions in India on study leave or extraordinary leave for a period not less than the minimum specified period for doing research work at the Institute are also eligible for doing research work in the Institute under this category. Candidates in service have to be released from the organization for full time research work at the Institute and must furnish a sponsorship certificate from the employer with the application form. A No Objection Certificate from the employer should also be enclosed with the application form. Candidates admitted in this category will not receive any financial support from the Institute in any form.

1.2. Part-time research scholars

(i) Research Fellow registered under collaborative research programme between NIT Sikkim and other Universities / Institutes / R&D organisations in India or abroad. Category Code - PT01

Candidates working in Government Colleges / Institutions / R&D organisations 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. However, candidates working in non-Government Colleges / Institutions / R&D organizations which are affiliated to some University that awards PhD degree may not be considered. After admission, candidates must fulfill one semester of residential requirement at the Institute i.e. must stay six (06) months at NIT Sikkim to complete their necessary course works. 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 IPGC or equivalent committee.

Candidates working in R&D Institutions or in other recognized Institutions/Organizations, 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.
- The candidate must stay six (6) months at NIT Sikkim to complete his/her necessary courseworks.

All the candidates admitted under this category must fulfil one semester residential requirement at the Institute for course work and will not receive any financial support from the Institute in any form.

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, subject to the approval of the IPGC or equivalent committee.

- i) **Engineering/ Technology:**
 - a) Master degree in Engineering/Technology with a minimum of 65% marks or 7.0 CGPA;
OR
 - b) Bachelor degree in Engineering/ Technology with minimum 80% marks or 8.5 CGPA.
- ii) **Basic Science:** Master degree in Science with minimum 55% marks or 6.0 CGPA.
- iii) **English:** Master degree in English with minimum 55% marks or 6.0 CGPA.

For SC/ST 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:

- a. **For FT 01** – A GATE/NET qualification certificate is must for candidates having Master degree
OR

A **valid** GATE qualification certificate is must for candidates having Bachelor degree in Engineering/Technology.

- b. **For FT 02** – As per point no. 1.1-(ii) and minimum requirement of the funding agency.
- c. **For PT 01** – Minimum two years teaching/industry experience.

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 four years for full-time candidates from the time of enrolment. However the candidate may be given an additional time of one year at a time for submission of his/her thesis without fellowship. The request for such extension has to be endorsed by the supervisor(s) and approved by the IPGC or equivalent committee. 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 maximum Seven (07) years of enrollment with extensions, if any.

4. Fee Structure

The fees for each semester for different category of PhD scholars are as follows:

A. Institute Fee for Full-time PhD scholars

Fee Category	1 st Semester (Rs.)	Subsequent Semesters (Rs.)
Tuition Fee	7500	7500
Tuition Fee for SC/ ST (Subjected to conditions*)	Exempted*	Exempted*
Caution Deposit (One time and refundable on condition)	3000	0
Examination Fee	500	500
Admission Fee (One time)	500	0
Library Fee	1000	1000
Development Fee	750	750
Student Activities (Sports& Games, and Extra-curricular activities)	800	800
I Card (One time)	100	0
Students medical	800	800
Semester Registration Fee	150	150
Alumni Association (One time)	1000	0
Convocation Fee	1000	0
Miscellaneous fee	100	100
Total Institute fee (Rs) (per semester) for Gen / OBC / Others	17200	11600
Total Institute fee (Rs) for SC/ ST (Subjected to conditions*)	9700	4100

*1. For SC / ST scholars under FT01 and FT02, as such the Tuition fee is exempted on production of proof that the scholar's self or family income from all sources does not exceed Rs.4.5 Lakhs per year. Those scholars, whose self or family income is more than Rs.4.5 Lakh per year, has to deposit same fee as general category. This is implemented in accordance with the MHRD Letter F. No. 33 – 4 / 2004 – TS III dated 16th June 2015.

Notes: 1. At the time of Registration, a onetime Registration Fee of Rs.3000/- has to be deposited. 2. At the time of Thesis submission a onetime fee of Rs.5000/- has to be deposited.

B. Institute Fee for part-time PhD scholars

Fee Category	1 st Semester (Rs.)	Subsequent Semesters (Rs.)
Tuition Fee	7500	7500
Caution Deposit (One time and refundable on condition)	3000	0
Examination Fee	500	500
Admission Fee (One time)	500	0
Development Fee	750	750
Semester Registration Fee	150	150
Alumni Association (One time)	1000	0
Convocation Fee (One time)	1000	0
Miscellaneous fee	100	100
Total Institute fee	14500	9000

Notes: 1. At the time of Registration, a onetime Registration Fee of Rs.3000/- has to be deposited. 2. At the time of Thesis submission a onetime fee of Rs.5000/- has to be deposited.

2. Hostel may not be provided for the part time scholars.

C. Hostel Fee, if available, for all category

Fee Category	1 st Semester (Rs.)	Subsequent Semesters (Rs.)
Hostel/Mess Staff Welfare Fund	250	250
Mess Caution Deposit (One time & refundable on condition)	5000	0
Hostel Caution Deposit (One time & refundable on condition)	3000	0
Hostel Admission (One time)	500	0
Hostel Fee (Hostel Rent, Electricity charges and cleaning) **	7500	7500
Mess Establishment Fee	500	500
Total Hostel Fee (Rs.)	16750	8250

**for full-time scholars, it is exempted

5. Application Procedure

Eligible candidates are required to download the application form from Institute website www.nitsikkim.ac.in. The **hard-copy** of complete filled up and signed application form [with subject: **Application for Admission in PhD in (Department/Discipline), Programme category**] on

the envelop] along with all self-attested supporting documents and a demand draft of **Rs. 500/-** (**Rs. 100/-** for SC/ST) in favour of “**Director, NIT Sikkim**” payable at **Ravangla**, must reach to the following address latest by **7th May, 2017** upto 05:00 PM –

The Dean (Academic Affairs)

National Institute of Technology Sikkim

Ravangla, South Sikkim - 737 139

Sikkim, India

A **scan-copy** of the complete application form with all other self-attested supporting documents and demand draft as a **single .pdf file** must have to reach through email to **application.phdnitskm@gmail.com** latest by **7th May, 2017** upto 05:00 PM. The subject of the e-mail should be “Application for PhD Admission in _____ (Name of the Departmentt – Category code)”.

Note:

- i. Candidates applying for more than one programme in different departments have to apply on separate application forms, with **separate Demand Draft of Rs. 500/-** (Rs.100/- for SC/ST) for each programme.
- ii. Incomplete applications or applications not received in time will not be considered.
- iii. The Institute will not be responsible for any postal or other delay. It takes approximate **10 days** for delivery at Ravangla through Speed Post.

6. Selection Procedure

Selection will be based on written examination and/or interview. The names of shortlisted candidates will be displayed on the Institute website along with the detail schedule and venue of examination and/or interview.

Notes:

- i. No separate letter will be sent by the Institute for attending the written test/ interview. Candidates are advised to visit the Institute website **www.nitsikkim.ac.in** for regular updates. Names of short listed candidates shall also be displayed on the Notice Board of the Institute.
- ii. Candidates who are appearing in qualifying degree in the academic year 2017-18, have to produce the Original Appearing Certificate from the Head of the Department/Institute at the time of interview, failing which they will not be considered for written test and/or interview.
- iii. Candidates appeared for final examination shall be provisionally considered for written

examination and/or interview subject to the submission of their final marksheet of the qualifying examination (fulfilling minimum marks requirement as mentioned in section 2) latest by **30th September, 2018**, if selected. Otherwise, his/her admission will be cancelled.

8. Documents Required

The candidates are required to bring the following documents at the time of **written examination and/or interview in original** for verification and have to send the **self attested hard-copies** with the application form and **scan-copy** (in a single .pdf file) through email:

- 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 FT02 only)
- xii) Certificate of sponsorship (for PT01 only)
- xiii) No Objection Certificate from employer for one semester residential stay at NIT Sikkim, otherwise application may be rejected (for PT01 only).
- xiv) Experience Certificate (for PT01 only)

8. General Information

- The number of seats will be decided by the Institute.
- Reservations are applicable as per Govt. of India norms.
- 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.
- Canvassing in any manner would entail disqualification of the candidature.

- Shortlisted candidates for written test and/or interview will be intimated through e-mail/mobile. No separate call letter for written test and/or interview will be issued.
- No request for change of interview schedule shall be entertained.
- No TA/DA shall be payable and the candidates are required to make necessary boarding and lodging arrangements on their own.
- Selected candidates will be informed by e-mail/mobile and they are expected to join immediately.
- Candidates appearing for documents verification without complete information / original supporting documents during written test and/or interview, his/her candidature will be cancelled.
- The Institute reserves the right to refuse admission to any candidate without assigning any reason. All disputes are subject to Gangtok High Court only.
