

# Information Brochure

Admission to PhD Programme  
Academic Session 2016-17 (Winter Session)



**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 : December, 2016.

# 1. PhD Programmes

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

1. Computer Science and Engineering
2. Electronics and Communication Engineering
3. Electrical and Electronics Engineering
4. Mechanical Engineering
5. Physics
6. Chemistry
7. Mathematics
8. Humanities and Social Sciences

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:

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

<b>Part-Time</b>	Category code
Research Fellow under collaborative research programme between NIT Sikkim and other Universities/ Institutes / R&D organisations in India or abroad.	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 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 salary, stipend, emoluments, or any other scholarship/fellowship 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 respective discipline from an UGC-/AICTE-approved University/Institution are mandatory.

See **Section 2** of this brochure for the complete list of 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 nationals / Candidates who are not sponsored but released from Government Departments/Organisations or educational 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 approved Foreign Institutes and recognized Indian educational Institutes / R&D Organizations, which are well-equipped with the necessary research and library facilities and interested in collaborative research work with NIT Sikkim, may be considered for admission to PhD programme at NIT Sikkim under this category. However, candidates from the Institutes / R&D organizations / Industry which are affiliated to some University for awarding PhD degree may not be considered. They 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 IPG 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.
- Applicant must stay six (6) months at NIT Sikkim to complete their 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 criteries for admission in all Departments/fields are given below. These eligibility criteries are the absolute minimum; Departments may prescribe any other requirements over and above the minimum criteria, subject to the approval of the IPG 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) **Humanities and Social Sciences:** Master degree in any Humanities and Social Science subjects 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 proposed:

- a. **For FT 01** ó 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** ó As per point no. 1.1-(ii) and minimum requirement of the funding agency.
- c. **For PT 01** ó 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 one year at a time for completion of his/her research work without fellowship. The request for such extension has to be endorsed by the supervisor(s) and approved by the IPG 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. Fees for Full-time PhD scholars at the time of Admission

Fee Category	1 <sup>ST</sup> SEM	Subsequent SEM
TuitionFee(per semester)	7500	7500
TuitionFee(per semester) for SC/ ST (Subjected to conditions*)	Exempted*	Exempted*
CautionDeposit (One time and refundable on condition)	3000	0
ExaminationFee	500	500
AdmissionFee (One time)	500	0
LibraryFee	1000	1000
DevelopmentFee	750	750
Student Activities (Sports& Games, and Extra-curricular activities)	800	800
I Card (One time)	100	0
Students medical	800	800
Semester RegistrationFee	150	150
Alumni Association (One time)	1000	0
Convocation Fee	1000	0
Misc.-fee	100	100
<b>Total Institute fee (Rs) (per semester) for Gen / OBC / Others</b>	<b>17200</b>	<b>11600</b>
<b>Total Institute fee (Rs) for SC/ ST (Subjected to conditions*)</b>	<b>9700</b>	<b>4100</b>

\*1. For sponsored SC / ST students, exemption shall not be given. 2. For Regular SC / ST students, as such the Tuition fee is exempted on production of proof that the student's self or family income from all sources does not exceed Rs.4.5 Lakhs per year. Those students, 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 16<sup>th</sup> 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.

## Hostel PhD fees structure

FeeCategory	1 <sup>ST</sup> SEM	Subsequent SEM
Hostel/mess Staff WelfareFund (per year)	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 fees (Hostel Rent, Electricity charges and cleaning) per year**	**5000	**5000
Mess establishment charge	500	500
<b>Total Hostel Fee (Rs.)</b>	<b>14250</b>	<b>5750</b>

\*\*or HRA will be deducted

### B. Fees for part-time PhD scholars

Fee Category	1 <sup>ST</sup> SEM	Subsequent SEM
TuitionFee(per semester) for Gen / OBC / Others	7500	7500
TuitionFee(per semester) for SC/ ST (Subjected to conditions#)	Exempted#	Exempted#
CautionDeposit (One time and refundable on condition)	3000	0
ExaminationFee	500	500
AdmissionFee (One time)	500	0
DevelopmentFee	750	750
I Card (One time)	100	0
Semester RegistrationFee	150	150
Alumni Association (One time)	1000	0
Convocation Fee	1000	0
Misc.-fee	100	100
<b>Total Institute fee (Rs) (per semester) for Gen / OBC / Others</b>	<b>14600</b>	<b>9000</b>
<b>Total Institute fee (Rs) for SC/ ST (Subjected to conditions#)</b>	<b>7100</b>	<b>1500</b>

#1. For part-time SC / ST students, exemption shall not be given. 2. For full-time SC / ST students, as such the Tuition fee is exempted on production of proof that the student's self or family income from all sources does not exceed Rs.4.5 Lakhs per year. That student, 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 16<sup>th</sup> 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.

NB: Hostel may not be provided for the part time scholars.

## 5. Application Procedure

Eligible candidates are required to download the application form from our Institute website [www.nitsikkim.ac.in](http://www.nitsikkim.ac.in). The **hard-copy** of filled up and signed application form [with subject: Application for Admission in PhD in (Department/Discipline), Programme category] on the envelop] along with a demand draft of **Rs. 500/-** (Rs. 100/-for SC/ST) in favour of **Director, NIT Sikkim** payable at **Ravangla**, must reach latest by **January 09, 2017** upto 05:00 PM to

the following address ó

**The Dean (Academic Affairs)**  
**National Institute of Technology Sikkim**  
**Ravangla, South Sikkim 737 139**  
**Sikkim, India**

A **soft-copy** of the application form with all other documents must have to be sent through email to [application.phdnitskm@gmail.com](mailto:application.phdnitskm@gmail.com) . The subject of the e-mail should be "Application for PhD Admission in \_\_\_\_\_ (Name of the Dept)".

**Note:**

1. 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.
2. Incomplete applications or applications not reaching in time will not be considered for examination/ interview.
3. The Institute will not be responsible for any postal or other delay.

## **6. Admission Criteria**

Admission will be based on written examination and/or interview. The names of shortlisted candidates will be displayed on the Institute website along with the details and schedule of examination and/or interview to be conducted by the Institute in association with respective Departments.

**Important Notes:**

1. Separate application forms must be filled for courses offered by different departments along with the prescribed fee.
2. No separate letter will be sent by the Institute for attending the written test/ interview. Candidates are advised to visit the Institute website [www.nitsikkims.ac.in](http://www.nitsikkims.ac.in) for regular updates. Names of short listed candidates shall also be displayed on the Notice Board of the Institute.
3. No candidate shall be considered for written examination/ interview without the result of the qualifying examination.

## **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 **soft-copy** through email (in a single PDF file):



- i) Valid Photo-ID proof
- ii) Marksheets and Certificates of all qualifications/degrees starting from class 10<sup>th</sup> or equivalent.
- iii) Character Certificate issued by the Head of the Institution/Department last attended.
- iv) Certificate of sponsorship (for PT01).
- v) No Objection Certificate from employer for one semester residential stay at NIT Sikkim, otherwise application may be rejected (for PT01).
- vi) OBC/SC/ST certificate, if applicable.
- vii) Proof of Date of Birth.
- viii) Experience Certificate (for PT01)
- ix) Fellowship/Scholarship award certificate (for FT02)
- x) Statement of Purpose indicating the area and type of research work proposed to be carried out.
- xi) GATE/NET qualification certificate
- xii) Re-print of research publications (1<sup>st</sup> page only), if any
- xiii) Any other information related to eligibility

## **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 interview will be intimated through e-mail/mobile. No separate call letter for 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 who have completed B.Tech/M.Tech. in the academic year 2015-16 have to produce the Provisional Certificate at the time of interview, failing which they will not be considered for interview.
- Applications without complete information/supporting documents at the time of verification will be rejected.
- The Institute reserves the right to refuse admission to any candidate without assigning any reason. All disputes are subject to Gangtok High Court only.

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