



National Institute of Technology Hamirpur (H.P.)

Ph.D./M.Tech./M.Arch. Admissions, June/July 2016

Applications are invited for Ph.D. (Full Time/Part Time/Off Campus) admission under MHRD/Various Fellowship Schemes and M.Tech./M.Arch.(Full Time) admission under Sponsored Category in various departments/centres at National Institute of Technology, Hamirpur (HP) for the Academic Session 2016-17. For details visit Institute website <http://www.nith.ac.in>

Director, NIT Hamirpur (HP)

Ph.D. (Full Time/Part Time/Off Campus)

Under

**MHRD/Various Fellowship Schemes of
Govt. of India**

Admissions, June/July 2016

Information Brochure



National Institute of Technology Hamirpur (HP)

<http://www.nith.ac.in>

June, 2016

A handwritten signature in black ink, likely belonging to the Director of NITH, is written at the bottom of the page.

Preamble

National Institute of Technology Hamirpur (formerly Regional Engineering College) was established in the year 1986 as joint venture of Govt. of India and Govt. of Himachal Pradesh. The campus is spread in more than 200 Acres of land in a picturesque surrounding facing snow clad Dhaulladhar ranges. It was renamed as National Institute of Technology along with all other RECs in year 2002 and conferred Deemed University status. The Institute has been awarded the status of "Institute of National Importance" by the Act of Parliament in the year 2007.

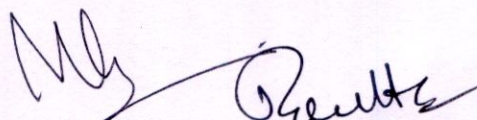
In last couple of years, NIT Hamirpur has registered a tremendous progress in all the spheres, be it teaching-learning process, R&D, consultancy, continuing education, community development, training the teachers, etc.

At present, NIT Hamirpur offers four years B.Tech. degree in Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering and Chemical Engineering and a five years B.Arch. Moreover the Institute has also introduced a 05 year Dual degree Bachelor and Master of Technology in Computer Science & Engineering and Electronics & Communication Engineering. The admission to all these UG programmes is made through an all India level competitive examination JEE-Main (formerly AIEEE).

The Institute is offering M.Tech. programmes since 2005. Eighteen M.Tech./M.Arch. programmes are running at present. The Institute has been a choice destination for admission to the M.Tech. programmes which can be judged by the large number of applications received against limited seats during yesteryears. All eligible M.Tech. programmes are accredited by NBA for three years.

In 2006, Ph.D. programme was started in all disciplines of engineering, sciences and humanities. Since then about 241 candidates have been registered for pursuing their Ph.D. in this Institute. Thus, NIT Hamirpur is making all efforts to move ahead towards the national goal of producing more and more number of quality postgraduates and doctorates, who can join as faculty members in various institutions throughout the country.

This Admission Notice is to invite applications for Ph.D. admissions (Full Time/Part Time/Off Campus) in Engineering, Sciences and Humanities under various schemes of MHRD and other funding agencies of Govt. of India such as UGC/CSIR/DST etc. (JRF candidates). The Institute may provide stipend/fellowship to some of the selected candidates who join the Ph.D. programme on full time basis as per guidelines of MHRD and other funding agencies.



1. Introduction

Applications are invited for admission to the Ph.D. (Full Time/Part Time/Off Campus) programme for June/July 2016 as per the details given in this brochure, along with fee in the form of crossed Bank Draft for Rs 500/- (Rupees Five Hundred only) drawn in favour of the Registrar, NIT Hamirpur (HP)-177 005, payable at State Bank of India, NIT Hamirpur (Branch Code No. 10367). Duly filled/completed application superscribing on the envelope "Application for Ph.D. Programme for the Academic Session June/July 2016" should reach in the office of Dean (Academic), National Institute of Technology, Hamirpur (HP)-177 005 by **05.07.2016 upto 5.00PM**. The application form may be downloaded from Institute website <http://www.nith.ac.in/>. Application form found incomplete or received after the last date i.e. **05.07.2016** (in the office of Dean (Academic)), will be rejected without any intimation to the candidate and no correspondence will be entertained in this regard. The candidates should note that the Institute will not be responsible for postal delay or any irregularities in submitting the applications.

In case, a candidate wants to apply for programmes in more than one department/centre, he/she is required to send separate applications for each programme along with processing fee of Rs 500/- (Rupees Five Hundred only). Latest update about schedule, etc. will be available on Institute website <http://www.nith.ac.in>. For any additional information, the candidates are advised to contact the following officials:

- | | | |
|-----------------------------------|---|---------------------|
| 1. Assistant Registrar (Academic) | : | 01972-254028 |
| 2. Chairman, SPGC | : | 01972-254638 |
| 3. Dean (Academic) | : | 01972-254006/254330 |
| 4. Departments | : | See Annexure-I |
| Fax Number | : | 01972-223834 |

Important Note

- The number of seats available in the Institute depends on the availability of research guides, vacancies and research infrastructure in the concerned department/centre.
- The minimum eligibility criteria indicated in this brochure for Ph.D. programme is only enabling clause. The department may fix higher criteria at the time of shortlisting, keeping in view the number of candidates, minimum background expected to cope with the programme, etc.
- Hostel accommodation shall be provided subject to availability.
- All matters of dispute will be subjected to legal jurisdiction of the courts at Hamirpur/Shimla.

- The Institute reserves the right to amend, without any notice, any provisions stated in this document/brochure.
- In all matters, the decision/interpretation of Senate/Chairman Senate shall be final.
- Candidates claiming to belong to OBC will be required to produce a certificate to that effect from appropriate authority issued on or after 01.04.2016. Such candidates will have to satisfy the caste and creamy layer requirements detailed on the following National Commission for Backward Classes (NCBC) websites:

➤ <http://ncbc.nic.in/backward-classes/index.html>

➤ <http://ncbc.nic.in/html/creamyayer.html>

- *OBC Caste belonging to Central List is to be considered vide MHRD, GOI, O.M.No.: 1-1/2005-U.1.A/847 dated 20th April, 2008 Para VIII, Page 2. (refer extracts from the document below)*

VII) The socially and Educationally backward Classes/OBC who are eligible for availing the benefits of reservation is to be ascertained from the Central lists of SEBCs/OBCs as per resolution No. 12011/68/93-DCC (C) of the Ministry of Welfare (now the Ministry of Social Justice & Empowerment) as modified from time to time by that Ministry based on the advice of the national Commission for Backward Classes (NCBC). For an updated list of state-wise OBCs eligible for availing the benefits of reservation, please see the list maintained by the NCBC at its website <http://ncbc.nic.in/backward-classes/index.html>. You may also access information in respect of creamy layer at <http://ncbc.nic.in/html/creamyayer.html>. As well as the clarifications issued by the Department of Personnel & Training on the definition of creamy layer and income criteria at http://persmin.gov.in/writeData/WMS/ScanDocument/36033_5_2004_01April2005.htm. The Supreme Court judgements are also available at the NIC website <http://www.judis.nic/supremecourt/CaseRes1.aspx>. A copy of the resolution No.1-1/2005-U.1A/846 dated 20th April, 2008 of the Ministry of Human resource Development, Department of Higher Education, adopting the Central Lists of SEBCs/OBCs as per Resolution No.12011/28/93-DCC© dated 10.09.1993 of the Ministry of Welfare (now the Ministry of Social Justice & Empowerment) as modified by that Ministry from time to time and the rules/criteria of exclusion of socially advanced persons/sections as per the O.M.No. 36012/22/93-Estt.[SCT] dated 8.9.1993 as amended by O.M.No. 36033/3/2004-Estt(Res.) dated 9.3.2004 by the Ministry of Personnel, Public Grievance and Pensions(department of Personnel & Training) and as may be amended by that Ministry from time to time for the purpose of implementing reservation in admission to Central Educational Institutions as defined in CEI Act, 2006, is also attached for your reference and use.

- During verification at any stage if any of the category certificate(s) produced is found to be false/fabricated, the admission of such candidate will be cancelled forthwith without assigning any further reasons and without prejudice to such further action as may be taken under the provisions of the Indian Penal Code for production of false certificate. Refer Letter Number: G.I.

2. Ph.D. Programmes

The Ph.D. programmes shall be offered in the following departments/centres:

1. Architecture (**Arch.**)
2. Civil Engineering (**CE**)
3. Computer Science & Engineering (**CSE**)
4. Electronics & Communication Engineering (**E&CE**)
5. Electrical Engineering (**EE**)
6. Mechanical Engineering (**ME**)
7. Chemistry
8. Physics
9. Mathematics
10. Humanities and Social Sciences (**HSS**)
11. Centre for Energy and Environmental Engineering (**CEEE**)
12. Centre for Material Science & Engineering (**CMSE**)

The number of seats available in the Institute depends on the number of available research guide in the Institute, vacancies available with the guide and research infrastructure in the concerned department/centre. The admission of candidates to Ph.D. programme depends on the expertise available in a department/centre and the willingness of the candidate to work in the corresponding research areas.

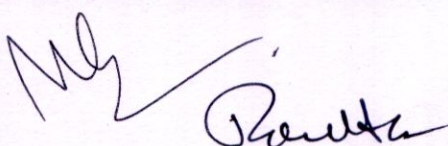
Tentative seats with scholarship	Tentative seats without scholarship	Total
51	110	161

Note: For detail about specialization, candidates are advised to contact the concerned HOD's. The reservations will be as per the reservation policy of the Government of India.

2.1 Eligibility for Admission

Ph.D. in Engineering/Architecture (including Centres)

The applicant must have a Master Degree in Engineering /Technology/ Architecture in appropriate discipline with CGPI of 6.5 on a 10-point scale (or equivalent) or 60% marks in case of Open/OBC candidates in qualifying degree. Whereas in case of SC/ST candidates a CGPI of 6.0 on a 10-point



scale (or equivalent) or 55% marks in qualifying degree will be applicable.

Ph.D. in Applied Sciences

The applicant must have a master degree in relevant science subject with CGPI of 6.5 on a 10-point scale (or equivalent) or 60% marks in case of Open/OBC candidates in qualifying degree. Whereas in case of SC/ST candidates a CGPI of 6.0 on a 10-point scale (or equivalent) or 55% marks in qualifying degree will be applicable.

Ph.D. in Humanities & Social Sciences

The applicant must have a master degree in appropriate discipline with CGPI of 6.5 on a 10-point scale (or equivalent) or 60% marks in case of Open/OBC candidates in qualifying degree. Whereas in case of SC/ST candidates a CGPI of 6.0 on a 10-point scale (or equivalent) or 55% marks in qualifying degree will be applicable.

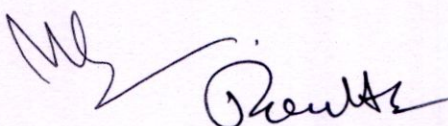
2.2 Admission Procedure

- (a) The applicants shall apply for admission on the prescribed form which can be downloaded from Institute website. The duly completed application must reach the office of Dean (Academic) latest by **05.07.2016 upto 5.00PM.**
- (b) The applications shall be scrutinized by the Departmental Selection Committee (DSC) of different departments/centres. The list of shortlisted candidates found eligible for written test shall be displayed on Institute website by respective Head of Department/Centre on **12.07.2016 and no separate call letter will be issued.**

The selection process for admission to Ph.D. programme shall be in two stages:

Stage-I: All the shortlisted candidates found eligible are required to qualify in a written examination in the relevant discipline conducted by the Institute on **20.07.2016 at 9.00 AM.** The syllabi for the written test are available on the Institute website. The written test shall be of 90 minutes duration for 60 marks consisting of multiple choice questions in the relevant discipline. Those who qualify in the written test shall only be eligible for Stage-II. List of such candidates will be displayed either on the notice board of the concerned department/centre or on the institute website by respective head of department.

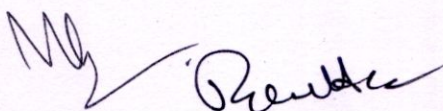
The candidates who are having valid JRF certificates from the funding agencies of Govt. of India such as UGC/CSIR/DST etc. and are willing to join the Institute as full time Ph.D. candidate are



exempted from the written test and will directly qualify to Stage-II.

Stage-II: The candidates who qualify to Stage-II shall appear for interview and presentation on **25/26.07.2016 at 9.00 AM** before the duly constituted Departmental Selection Committee (DSC). The presentation should be brief and clear (around 5-10 minutes) highlighting the basic idea of proposed research. The presentation must broadly include:

- *The topic/subject of the proposed research work.*
 - *An outline containing introduction to the subject, international/ national importance, broad objectives, scope and methodology of research work with relevant literature review.*
- (c) On the recommendation of the DSC, the list of candidates recommended for admission will be sent for approval of Chairman, Senate through Chairman, SPGC and Dean Academic. If needed, the Chairman, Senate may constitute a special Committee under the Chairmanship of Dean Academic to recommend the candidates based upon lists received from the department/centre.
- (d) On approval by the Chairman, Senate, the Head of the Department/Centre will issue the admission letters to the selected candidates, who will be required to accept the offer of admission by depositing the prescribed fee upto **27.07.2016 (5:00PM)**.
- (e) In case, a candidate does not pay the prescribed fee by the specified deadline, the offer of admission may stand withdrawn.
- (f) The selected candidates will have to register on or before **27.07.2016 (5:00PM)** for the course work in consultation with the Supervisor/Convener DPGC/HOD as the case may be.
- (g) The selected candidate, who will complete all the examinations including project/thesis examination and the viva voce before the date of admission but is unable to produce the certificate as proof of having passed and secured the minimum specified qualifying marks, may be considered for provisional admission.
- However, if admitted provisionally, they will be required to produce the evidence of their having passed the qualifying degree examination by **15.09.2016**, failing which the admission may be cancelled.
- (h) The candidates are required to produce the following documents in original as well as one copy thereof at the time of admission on **25/26.07.2016**.



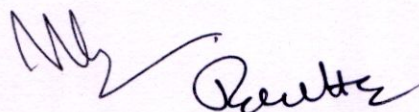
1. Matriculation Examination Certificate
2. Qualifying Degree Certificate
3. Marks Sheets of Qualifying Degree
4. Character Certificate
5. Certificate of category (OBC/SC/ST), if applicable, as per format available on Institute website [OBC certificate must be issued on or after 01.04.2016]
6. Valid GATE/NET Score Card, if applicable
7. Colored passport size photographs (4 Nos.)
8. Undertaking in required format (for OBC Category) as per format available on Institute website.
9. Certificate of Persons With Disability (for PWD Category) as per format available on Institute website.
10. No Objection Certificate from sponsoring organization, if applicable

Note: Certificate at sr no. 2 may be produced before **15.09.2016**, failing which the admission may be cancelled.

The selected candidates are also required to produce additional documents as specified on the Institute website [Admission Desk] by 27.07.2016.

2.3 Admission of Sponsored Candidates

- i. A candidate who is sponsored by his/her employer and also meets the additional conditions specified in sub clause iii (below) may be admitted if qualifies the written test and recommended by the DSC.
- ii. All the sponsored candidates must attach the relevant sponsorship certificate preferably on letterhead of the institution/organization/ industry along with the application. Moreover, the sponsoring organization must be a reputed medium or large scale Government organization/private industry or a reputed technical institute.
- iii. A sponsored candidate must have been in service of the sponsoring organization for at least two years on **01.06.2016**. The sponsoring organization must specifically undertake to relieve him/her to pursue the programme for its full duration. Such candidates are required to submit No



Objection Certificate (NOC) from their employer/organization stating that:

- a) His/her official duties permit him/her to devote sufficient time for Research.
- b) Candidates willing to register in part time mode will have to reside in the Institute as per clause 6.2 of PG manual during his/her first registration for the degree to complete the course work. However, this condition can be relaxed for candidates working at/around Hamirpur (HP) within a road distance of about 50 KMs without any relaxation in the course work requirements.

2.4 Admission to Off Campus Programme for Ph.D.

- i. A candidate working in an R&D establishment or in other Institution/ organization, which is equipped with the necessary research and library facilities, may be considered for admission to various Ph.D. programmes as per eligibility specified above. Such a candidate must be sponsored by his/her employer and must have been in employment with the sponsoring organization for at least two years on **01.06.2016**. Moreover, the sponsoring organization must be a reputed medium or large scale Government organization/private industry or a reputed technical institute.

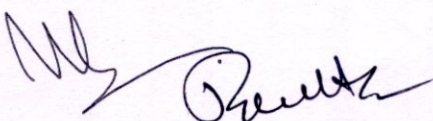
The employer must explicitly undertake to relieve him/her to stay on the campus to enable the candidate to complete the Course work, Comprehensive Examination and State of the Art seminar as per the requirement of NIT Hamirpur.

Such a candidate may be admitted if he/she qualifies the written test and is recommended by the DSC.

- ii. A candidate applying for admission to the off campus registration must provide detailed information about the research facilities available at his/her organization and a certificate that these would be available to him/her for carrying out research.
- iii. The candidate has to clear the course work requirements as specified above.

3. Approval of Admission

On the recommendation of the DSC, the list of candidates recommended for admission will be sent for approval of the Director-cum-Chairman Senate through Chairman SPGC and Dean (Academic).



After approval of the Director-cum-Chairman Senate, concerned Head of the Department/Centre will issue the admission letters to the selected candidates. All the students/research scholars once admitted to Ph.D. programme shall be governed by the Institute norms (PG manual).

4. Schedule

S. No.	Events	Date
1.	Information brochure and application form available on the Institute Website	14.06.2016
2.	Last date for receiving the complete application form in respect in the office of the Dean (Academic), NIT Hamirpur (HP)- 177 005	05.07.2016 (5.00 PM)
3.	Displaying the list of shortlisted candidate by the concerned Head of Department/Centre on the Institute Website.	12.07.2016
4.	Screening Test of shortlisted Ph.D. applicants for Stage-I	20.07.2016
5.	Interview and presentation of Ph.D. applicants who qualify for Stage –II	25-26.07.2016
6.	Last date for depositing the fee and registration.	27.07.2016 (5.00 PM)

Note: 1) The candidates are advised to make their own stay arrangement while reporting for the admission on July 25-26, 2016. The admission process may continue for next day, if required.

2) Candidates reporting for interview and presentation on 25-26.07.2016 should be able to produce the required documents and fee.

5. Fee Structure

The selected candidates have to deposit the semester fee as per following details:

Programme	Fee structure(in Rs)		Remarks
	Hosteller	Day scholar	
Ph.D. (Full Time)	31350+20500 [#]	31350	[#] The security deposit is to be deposited by all hostlers in respective hostel. Hostel accommodation shall be provided subject to availability
Ph.D. (Off Campus)	16950		
Ph.D. (NIT Faculty)	5600		

6. Financial Assistance

The Institute may provide financial assistance to a full time Ph.D. student in the form of teaching or research assistantship. A student is expected to devote about eight hours per week towards job(s) assigned to him/her by the department/centre and/or any other requirement imposed by the funding agency. Presently, following types of financial assistantships are available with the Institute:


6.1 MHRD

Such assistantships are awarded on a semester to semester basis to the candidates having M.Tech. or equivalent degree for a period of up to eight semesters (depending upon the availability of funds). The stipend for the assistantship is paid at the approved rates as notified by AICTE/MHRD from time to time. For candidates to be admitted in Physics, Chemistry, ^A only NET/Gate candidates are eligible for this financial support.

MATHS

6.2 Other Funding Agencies

Any full time Ph.D. student having valid JRF certificates from funding agencies such as UGC/CSIR/DST etc. of Govt. of India will be paid stipend/fellowship strictly as per terms and conditions of the funding agency. NIT Hamirpur shall not provide any stipend/fellowship to such candidates.


Director-Cum Chairman-Senate
NIT Hamirpur (HP)

Phone Numbers of Different Academic Departments/Centres		
Departments		
Department	Office (01972)	Head of Department (01972)
Civil Engineering	254301	254300/254330
Computer Science & Engineering	254401	254400/254424
Electrical Engineering	254501	254500/254532
Electronics & Communication Engineering	254601	254600/254620
Mechanical Engineering	254702	254700/254724
Architecture	254901	254914
Physics	254101/254102	254136
Chemistry	254101/254102	254120
Mathematics	254101/254102	254122
Humanities & Social Science	254101/254102	254124
Centres		
Centre	Office (01972)	Head of Centre (01972)
Energy & Environment	254701	254334
Material Science & Engineering	254380	254380