

# राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर

## National Institute of Technology Hamirpur

(An Institute of National Importance)

Admission to M.Tech./M.Arch. (Self Sponsored) and PhD Programme

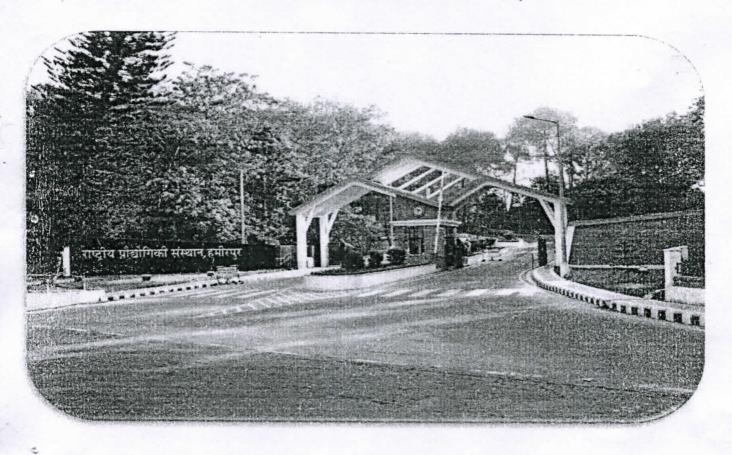
Applications are invited for admissions in M.Tech./M.Arch. (Self-Sponsored) and Ph.D. programmes in various Departments/Centre at National Institute of Technology Hamirpur for the Academic Year 2022-23. For details visit institute website https://www.nith.ac.in.

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## **Information Brochure**

## PhD Admissions

July, 2022 (Academic Year 2022-23)





National Institute of Technology Hamirpur

Hamirpur (HP) - 177 005

http://www.nith.ac.in

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### 1. Preamble

Located in Hamirpur district of Himachal Pradesh, NIT Hamirpur enjoys a scenic environment and pleasant weather. Established in the year 1986, as REC Hamirpur, NIT Hamirpur has been declared as the Institute of National Importance under the Act of Parliament, 2007.

At present, NIT Hamirpur offers four years B.Tech. degree in Civil Engineering, Computer Science & Engineering, Electrical Engineering, Electronics & Communication Engineering, Mechanical Engineering, Chemical Engineering and Materials Science & Engineering, Engineering Physics, and Mathematics & Computing and a five years B.Arch. degree. The Institute has also introduced five years Dual Degree leading to Bachelor and Master of Technology in Computer Science & Engineering and Electronics & Communication Engineering. The Institute also offers M.Tech./M.Arch./MSc/MBA programmes with various specializations.

In 2006, Ph.D. programme was started in all disciplines. Since, then many 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) in Engineering, Architecture, Sciences, Management and Humanities.

### Categories of Ph.D. Programmes

The Institute shall admit Ph.D. candidates in following categories of Ph.D. programmes:

### A. Full Time Research Scholars

### i. Fellowship Research Scholars (Category Code: FT01)

These scholars shall be eligible for financial assistance in the form of fellowship at the approved rates and guidelines as notified by MHRD from time to time. The fellowship shall be awarded to the students of this category on a Semester–to–Semester basis on the recommendation of Student Research Committee (SRC) through Convener, DDPC and HoD. The renewal of the fellowship shall be dependent on the satisfactory academic performance of the scholar. The applicants must have qualified the National Level Test: UGC-NET/UGC-CSIR NET or GATE.

### ii. Self-financed Research Scholars (Category Code: FT02)

These scholars shall receive fellowship from other agencies such as UGC, CSIR, DST, etc. at their own level or they shall be **Self-financed**. The scholars admitted under **Self-financed** scheme (i.e. those having no fellowship and who hemselves shall manage their own expenses) shall not be entitled for any fellowship or financial aid or fee waiver. Such cardidates are required to submit an undertaking at the time of admission stating that they accept the offer of admission without any fellowship/financial aid and are ready to continue as **Self-financed** scholars. The applicants must have qualified the **National Level Test: UGC-NET/UGC-CSIR NET or GATE.** 

## iii. Sponsored Research Scholars (Category Code: FT03)

The candidates from Government/Semi-Government Institutions, Government/Semi-Government Organizations, under study leave. Such a candidate must be sponsored by the current employer and must have been in employment with the sponsoring Institutions/Organization for at least two years at the time of admission and should have qualified the **National Level Test: UGC-NET/UGC-CSIR NET or GATE.** Candidates in service are to be released on study leave or extraordinary leave from the Institution/Organization for Full-Time research work at NIT Hamirpur and must furnish a sponsorship along with No-Objection Certificate (NOC) from the current employer. However, the candidates having more than 10 years of academic/industry /Research experience and applying under this category shall be exempted from qualifying the National Level Tests: UGC-NET/UGC-CSIR NET or GATE.

### B. Part-Time Research Scholars

i. Institute Research Scholars (Category Code: PT01)

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This category refers to Ph.D. Research Scholar who are regular employees of the Institute or who are working on various sponsored projects undertaken by the Institute. They are expected to work for their Ph.D. programme after fulfilling their normal duties. The applicants must have qualified the **National Level Test: UGC-NET/UGC-CSIR NET or GATE.** 

### ii. Sponsored Research Scholars (Category Code: PT02)

This category comprises of Ph.D. Research Scholars who are working professionals and are sponsored by their respective organizations. While working at their respective organizations, they can pursue the Ph.D. work as a Research Scholar of the Institute. Such Ph.D. Research Scholars, after completion of residential requirement as per Doctoral Ordinance, may be allowed to join his/her parent organization, where he/she will be doing the research work while serving the parent organization and would be allowed to continue as Part Time Research Scholar. The applicants must have qualified the National Level Test: UGC-NET/UGC-CSIR NET or GATE. However, the candidate having more than 10 years of academic/industry/Research experience shall be exempted from National Level Tests: UGC-NET/UGC-CSIR NET or GATE.

### 3. Departments Offering Ph.D. Admissions

The Ph.D. programmes shall be offered in the following Departments in various areas of research specialization:

S. No	Department	Area of Research
1.	Architecture	Architecture, Planning
2.	Civil Engineering	Water Resources, Environment Engg., Remote Sensing, Geotechnical Engg., & Geology, Structural Engg., Transportation Engg., Construction Mgmt.
3.	Computer Science & Engineering	Machine Learning, Deep Learning, Artificial Intelligence, Networking, Information Security
<sup>3</sup> 4.	Electronics & Communication Engineering	Communication and Networks, VLSI Design, RF and Microwave, Embedded System, Image Processing
5.	Electrical Engineering	Power System, Signal Processing & Control, Instrumentation, Power Electronics & Drives, High Voltage Engineering & Condition Monitoring
6.	Mechanical Engineering	Design, Thermal, Production & Industrial
7.	Chemical Engineering	CFD, Renewable Energy, Biochemical & Bioprocess Engineering, Membrane Separation, Bioremediation of heavy metals and cost-effective water treatment techniques, Enhanced Oil Recovery, Process Intensification & Process System Engineering, Nanotechnology, Colloidal and interfacial science, Statistical Thermodynamics and Flow through porous media
8.	Materials Science & Engineering	Polymer Matrix Composites/Nanocomposites, Physical/Mechanical Metallurgy, Functional Oxide Materials (Ceramic/Thin Films/Nanoparticles)
9.	Chemistry	Organic Chemistry, Inorganic Chemistry, Physical Chemistry, Nanomaterials
10.	Physics & Photonics Science	Condensed Matter Physics, Nuclear Physics, High Energy Physics
<sup>e</sup> 11.	Mathematics & Scientific Computing	Block Chain, Artificial Intelligence, Machine learning, Image Processing, Computational Methods, Real Complex and functional analysis Solid and Fluid mechanics
12.	Management Studies	Management (HRM & Marketing)
13.	Humanities & Social Sciences	Economics, Sociology, Psychology, Behavioural and Social Sciences, English
14.	Centre for Energy Studies	Solar energy, Bio energy, Biofuels, Environment, Wind energy, Energy management, Energy storage, Energy policy and economics, Bioremediation, Renewable energy, Sustainability, Environmental microbiology

### 4. Eligibility for Admission

A. Admission to Ph.D. Programme in various Departments shall be made in accordance with the educational qualifications mentioned as follows:

### a) Ph.D. in Engineering Departments

The applicant must have passed Bachelor Degree and Master Degree in Engineering/Technology in the appropriate discipline. Open/EWS/OBC-NCL candidates must have secured minimum CGPI of 6.5 on a 10-point scale (or equivalent) or 60% marks in Master Degree. Whereas, in case of SC/ST/PwD candidates, a minimum CGPI of 6.0 on a 10-point scale (or equivalent) or 55% marks in Master Degree shall be applicable.

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The applicant must have passed Bachelor Degree in Engineering/Technology in the appropriate discipline with minimum CGPI of 8.5 on a 10-point scale (or equivalent) or 80% marks in case of Open/EWS/OBC-NCL category. Whereas, in case of SC/ST/ PwD candidates, a minimum CGPI of 8.0 on a 10-point scale (or equivalent) or 75% marks in Bachelor Degree will be applicable.

OR

For Ph.D. admission in **Environmental Engineering** in the Department of Civil Engineering, the following specializations are also eligible to apply:

The applicant must have passed Master Degree (M.E./M.Tech./M.Arch) in Civil/Chemical/Environmental Engineering/Agriculture/Atmospheric Science/Biotechnology/Mining/Geotechnology/Water Resource Engineering/Environmental Science & Engineering/Environmental Engineering and Management/Energy and Environmental Engineering/Architecture. The other eligibility conditions mentioned in 4 (A) (a) shall also be applicable.

### b) Ph.D. in Science Departments

The candidate must have passed Master Degree in Mathematics/Physics/Chemistry or equivalent with minimum CGPI of 6.5 on a 10-point scale (or equivalent) or 60% marks in case of Open/EWS /OBC-NCL category. Whereas, in case of SC/ST/ PwD candidates, minimum CGPI of 6.0 on a 10-point scale (or equivalent) or 55% marks in Master Degree will be applicable.

### c) Ph.D. in Humanities and Social Sciences Department

The candidate must have passed Master Degree in Humanities/Social Sciences (Economics/Sociology/Psychology/Behavioural and Social Sciences) with minimum CGPI of 6.5 on a 10-point scale (or equivalent) or 60% marks in case of Open/EWS/OBC-NCL category. Whereas, in case of SC/ST/ PwD candidates, minimum CGPI of 6.0 on a 10-point scale (or equivalent) or 55% marks in Master Degree will be applicable.

### d) Ph.D. in Department of Management Studies

The candidate must have passed Master Degree in Management i.e. MBA with minimum CGPI of 6.5 on a 10-point scale (or equivalent) or 60% marks in case of Open/EWS/OBC-NCL category. Whereas, in case of SC/ST/ PwD candidates, minimum CGPI of 6.0 on a 10-point scale (or equivalent) or 55% marks in Master Degree in Management will be applicable.

OR

Qualified Professionals/Executives with Bachelor Degree in Engineering/Technology and working with corporate houses, and having five years professional experience may be considered. Such candidates must have minimum CGPI of 8.0 on a 10-point scale (or equivalent) or 75% marks in Bachelor Degree in case of Open/EWS/OBC-NCL category. Whereas, in case of SC/ST/ PwD candidates, minimum CGPI of 7.5 on a 10-point scale (or equivalent) or 70% marks in Bachelor Degree will be applicable.

### e) Ph.D. in Department of Architecture

The candidate must have passed both Bachelor Degree in Architecture/Planning and Master Degree in Architecture or equivalent degree in appropriate branch of Architecture/Planning. Open/EWS/OBC-NCL candidates must have secured minimum CGPI of 6.5 on a 10-point scale (or equivalent) or 60% marks in Master Degree. Whereas, in case of SC/ST/PwD candidates, a minimum CGPI of 6.0 on a 10-point scale (or equivalent) or 55% marks in Master Degree shall be applicable.

OR

The applicant must have passed Bachelor Degree in Architecture/Planning discipline with minimum CGPI of 8.5 on a 10-point scale (or equivalent) or 80% marks in case of Open/EWS/OBC-NCL category. Whereas, in case of SC/ST/ PwD candidates, a minimum CGPI of 8.0 on a 10-point scale (or equivalent) or 75% marks in Bachelor Degree will be applicable.

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B. Additional Requirements for Sponsored Candidates (Category Code: FT03 & PT02)

A candidate who fulfills the eligibility criteria mentioned above and is sponsored by his/her employer may be considered for admission provided he/she fulfills the following conditions:

- i. The sponsored candidate must attach the relevant sponsorship certificate on letter head of the institution/organization/industry along with the application.
- ii. The sponsoring organization must be a reputed medium or large-scale Government organization/private industry/AICTE recognized technical institution.
- iii. The sponsored candidate must have been in regular service of the sponsoring organization for at least two years on 01.08.2022. The sponsoring organization must specifically undertake to relieve him/her to pursue the Ph.D. programme for its full duration as per the admission category requirement. Such candidates are required to submit No Objection Certificate from their employer/organization.

### 5. Application Procedure

- The applicants have to apply offline (submit a hard copy) through a form available at Institute website (www.nith.ac.in). No other means of application shall be allowed. The filled hard copy of application form along with necessary documents have to be send at the address of The Dean Academic, National Institute of Technology Hamirpur (H.P)-177005, India.
- Application processing fee of Rs.1200 for Open/EWS/OBC-NCL and Rs. 600 for SC/ST/PwD per application is to be paid online through SBI Collect (https://www.onlinesbi.com/sbicollect) as per the procedure mentioned (Refer to "Guidelines for Payment of Ph.D. Application Fee Through SBI Collect"). If a candidate is applying in more than one Department, separate application is to be submitted and processing fee paid for each application.

### 6. Admission Procedure

The admission to the Ph.D. programme shall be carried out as per the following procedure:

- (a) The applications shall be scrutinized by the Doctoral Student Selection Committee (DSSC) of concerned Department. To shortlist the candidates to a manageable number, the Department/Centre may conduct the written test and/or Interview/presentation
- (b) The list of shortlisted candidates found eligible for Written test and/or Interview/Presentation shall be displayed on Institute website by Dean (Academic) as per schedule mentioned in Section 10 of this Information Brochure. The Written test and/or Interview/Presentation shall be held at NIT Hamirpur.
- (c) The shortlisted candidates are required to appear for Written test and/or Interview/Presentation on 31.08.2022 before the duly constituted DSSC of respective Department. All the shortlisted candidates are required to be present in the department on 31.08.2022 at 9.00AM. 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.
  - ii. An outline containing introduction to the subject, international/national importance, broad objectives, scope, and methodology of research work with relevant literature review.
- (d) The final recommendations of the candidates for admission shall be made by DSSC based on performance of the candidates in Written test and/or Interview/Presentation.
- (e) On approval by the Chairman, Senate, the concerned HoD will issue admission letters to the provisionally selected candidates, who will be required to accept the offer of admission by depositing prescribed fee by the specified deadline. The admission letters to the selected candidates shall be emailed by the concerned HoD.
- (f) In case, a candidate does not pay the prescribed fee by the specified deadline, the offer of provisional admission may stand withdrawn automatically.
- (g) The provisionally selected candidates will have to register for the course work in consultation with the Supervisor/Convener DDPC/HoD as the case may be as per the schedule mentioned in Section 10 of this Information Brochure.

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(h) The provisional selected candidates will have to physically report for document verification and registration in the Department as per the schedule mentioned in Academic Calendar of the Institute.

### 7. Documents Required

The candidates are required to submit the following documents along with application form. They are also required to produce all the documents in original at the time of physical reporting and registration in the Department/Institute.

S.No.	Details of Documents/Certificates
1.	Application Form (Paste Passport Size Photograph on the Application)
	Photo ID Proof as per Government of India Norms
3.	GATE/NET Certificate/Score Card
4.	Mark Sheet/Certificate of Class X (High School)
5.	Mark Sheet of Class XII
6.	Grade/Mark Sheets of Qualifying Degree for All Semesters/Years
7.	Degree/Provisional Certificate
8.	Course Completion Certificate (in case the Degree is not awarded)
9.	No Objection Certificate from Current Employer (for Sponsored Candidates)
	Sponsorship Certificate from Current Employer (for Sponsored Candidates)
11.	Proof of Payment of Processing Fee (deposited through SBI Collect)
12.	Valid Category Certificate (OBC/SC/ST) [OBC-NCL Certificate must be issued on or after April 1, 2022]
13.	Undertaking in Required Format (for OBC-NCL Candidates Only)
14.	Certificate of Persons with Disability (for PwD Candidates Only)
	Income and Asset Certificate Issued by Competent Authority (for EWS Candidates Only) [must be issued on or after April 1, 2022]

In addition to the above documents/certificates, the provisionally selected candidate shall also be required to submit the following documents/certificates at the time of physical reporting and registration or as directed by the Institute:

S.No.	Det	ails of Documents/Certificates
16.	Fou	r Number of Colored Photographs
17.	Mig	ration Certificate (Original)
18.	Cor	duct/Character Certificate from Head of Institution Last Attended
19.	Med	dical Fitness Certificate issued by the Medical Officer, NIT Hamirpur Health Centre or any Government Civil Hospital (Original)
20.	An	Undertaking by the Student -Institutional (Original)
21.	Affi	davits
	i.	Affidavit (on stamp paper of Rs. 10 denomination) for giving reason for study gap (if any) duly signed by Oath Commissioner/ Notary Public/Executive Magistrate (Original)
22.	ii.	An Affidavit by the Student [Anti-ragging Measures at http://www.antiragging.in/]
5		An Affidavit by Parent/Guardian [Anti-ragging Measures at http://www.antiragging.in/]
		e: The hostellers have to produce two sets of above affidavits (ii & iii), out of which one will be submitted to the Hostel Authorities.

In case, result of qualifying degree is awaited, provisional admission is permitted to a candidate subject to meeting above minimum qualifying degree requirements latest by **30.09.2022**. A course completion certificate from the competent authority of current institute to that effect should be uploaded.

### 8. Fee Structure

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

Programme	Fee structu	ire (Rs)	Remarks*		
	Hostellers	Non-Hostellers			
Ph.D. (Full Time/Part Time)	30750	28250	To be deposited in the Hostel concerned at the time of		
Ph.D. (Part Time)	1	19250	Hostel allotment		

<sup>\*</sup>The Hostel facility is limited and shall be allotted if available.

Once the candidate has accepted the admission offer by paying the requisite Institution fee, thereafter he/she will be governed by Institute refund policy. If a student is removed or he/she withdraws/leaves the Institute after admission without completing the entire programme, all fee paid including the security deposit will be forfeited by the Institute.

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#### 9. Seat Matrix

The number of seats depends upon the number of available research guides in the Institute, vacancies available with the guide and research infrastructure in the concerned Department. The admission of candidates to Ph.D. programme depends on the expertise available in a department and the willingness of the candidate to work in the corresponding research areas. The following table shows maximum number of seats available in various Departments for admission during July2022 under FT-01 category, however, it is not obligatory for the Institute or concerned Department to fill all the seats mentioned in this matrix. Seats are also available under other categories (FT-02, FT-03, PT-01, PT-02).

The reservations will be as per the reservation policy of the Government of India notified from time to time.

	Seat Matrix, 20	22 (Ph.D.) und	er FT-01				
S. No.	Department/Centre	OPEN	EWS	OBC-NCL	SC	ST	Total
1	Civil Engineering	2	1	1	1	1	6
2	Mechanical Engineering	2	1	2	1	0	6
3	Electrical Engineering	2	1	1	1	1	6
4	Electronics & Communication Engineering	2	1	1	1	1	6
5	Computer Science & Engineering	2	1	1	1	1	6
6	Chemical Engineering	2	0	1	1	0	4
7	Material Science & Engineering	2	0	1	1	0	4
8	Physics & Photonic Sciences	1	0	1	1	0	3
9	Mathematics & Scientific Computing	2	0	1	0	0	3
10	Chemistry	2	0	1	0	0	3
11	Architecture	2	1	2	1	0	
12	Centre for Energy Studies	1	0	1	0	0	6
13	Humanities & Social Sciences	1	0	1	0	0	2
14	Management Studies	1	0	1	0	1	3
	Total	24	6	16	9	5	60

Horizontal Reservation of 5% to PwD Candidates in Each Category (OP, EWS, SC, ST, OBC-NCL) shall be applicable

### 10. Important Dates (Tentative)

Start of application process	20.07.2022
Last date of Receiving the hard copy of application form	18.08.2022
Displaying list of shortlisted candidates (for Written Test and/ or Interview/ Presentation) on Institute website (www.nith.ac.in)	25.08.2022
Written Test and/ or Interview/ Presentation of the shortlisted candidates	31.08.2022 (09.00AM onwards)
Declaration of result and issuing of Admission Letters	08.09.2022
Dates for fee deposit by provisionally selected candidates	09.09.2022 to 12.09.2022
Registration of provisionally selected candidates	13.09.2022
Physical Reporting in the Institute	13.09.2022

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## **Important Notes:**

- 1. Separate application forms must be submitted for programmes offered by different Departments/Centre along with prescribed processing fee.
- 2 The candidate should solemnly and sincerely affirm that the statement made and information furnished by him/her in the application form is true and correct and no information has been concealed. However, if later on any information furnished is found to be fraudulent, incorrect or untrue, he/she would be liable to appropriate action and he/she has to forego his/her seat.
- 3. If any candidate fails to submit the required certificates/documents by 30.09.2022, his/her provisional admission/registration in Ph.D. programme shall stand automatically cancelled.
- 4. All dates mentioned above are tentative and subject to change at any stage by the competent authority.
- 5. All the candidates interested in seeking admission are advised to visit the Institute website (http://www.nith.ac.in/) regularly for updates.
- 6. All Ph.D. admitted candidates at NIT Hamirpur will be governed by Doctoral Ordinances and rules & regulations decided by the competent authority from time to time.
- 7. All matters of dispute will be subjected to legal jurisdiction of the courts at Hamirpur/Shimla only.

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Importar	t Phone Numbers	
Dej	partments	
Department	Office	Head of Department
Civil Engineering	(01972)	(01972)
Civil Engineering	254301	254300
Computer Science & Engineering	254401	254400
Electrical Engineering	254501	254500
Electronics & Communication Engineering	254601	254600
Mechanical Engineering	254702	254700
Chemical Engineering	254882	254880
Architecture	254901	
Materials Science & Engineering	254380	254900
Physics & Photonics Science	254110	254380
Chemistry	254102	254147
Mathematics & Scientific Computing		254140
Management Studies	254101	254144
Humanities & Social Sciences	254101	254150
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Dealing Assistant Acad	emic Section	
		254018
Deputy Registrar		254026
Associate Dean (Admissions and Registration)		254742
Dean (Academic)		254006

# Guidelines for Payment of Ph.D. Application Fee Through SBI Collect

- 1. Go to www.onlinesbi.com and select option State Bank Collect
- 2 Accept terms & conditions and Proceed further
- 3 Select State of Corporate/Institute: Himachal Pradesh and Type of Corporate/Institute: Educational Institute
- 4. Select Educational Institute Name: NIT Hamirpur and click on Submit
- 5. Select Payment Gateway Ph.D. Entrance Exam Fees Only and fill the details to proceed further

Note: Print the Receipt for further record.

## CERTIFICATE FROM THE HEAD OF THE SPONSORING ORGANIZATION

(Applicable for Sponsored Candidates seeking registration in Ph.D. programme - Full Time)

Mr./Ms.			who	is	serving	as	in	this
Industry/Organization/Institute, as							he	ereby
sponsored for Ph.D. (Full Time) programme in	(Name of	the Branch/	Depart	men	t) for the	acad	emic	year
2022-23. In case of his/her selection for the co	urse he/s	she will be re	lieved	for t	he comp	ete d	urati	on of
course.								
The details of the organization and the candi	date are a	as under:						
Type of Organization (Govt./Private, etc.)	:							
Name of Organization	:							
Present Post	:							
Pay scale of present post	:							
Work Experience		Years		Mo	onths			
Working Since	:	Date	Mon	th	Ye	ar		
Date			lanatu					
Date:		3	ignatu	ire :			•••••	
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		Design	ation:					
Seal		Office						

# CERTIFICATE FROM THE HEAD OF THE SPONSORING ORGANIZATION

(Applicable for Sponsored Candidates seeking registration in Ph.D. programme - Part-time)

Mr./Ms.	who is	serving	as in	th
Industry/Organization/Institute, is hereby sponsor	ored for	Ph.D. (P	art-time/Off	Campus) programm
in (Name of the Branch/ Department)		1	for the acad	emic year 2022-23
case of his/her selection for the course he/she w	ill be reli	eved for n	ninimum sta	y of period t
enable the candidate to complete the Course W				
norms of NIT Hamirpur. It is further				
Industry/Organization/Institute to carry out the				
facilities shall be made available to him/her during				diadate and these
The details of the organization and the candidate				
Type of Organization (Govt./Private, etc.)	:			
Name of Organization	:			
Present Post	:			
Pay scale of present post				
Work Experience			Years	Months
Working Since		Date	Month	Year
Date:	Signat	ture :		
	Name	:		
	Design	nation:		
Seal	Office			



## राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर

हमीरपुर (हि.प्र.) - 177 005 (भारत)

### NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR

HAMIRPUR (H.P.) - 177 005 (INDIA)

(An Institute of National Importance under Ministry of HRD)

### Application Form for Ph.D. Admission July 2022 (Academic Year 2022-23)

(Before filling the application form, the candidate is advised to read the PhD Admission Information Brochure carefully)

Duly filled/completed application along with supporting documents/certificates should be send through speed post by 18.08.2022, 05.00 PM.

Registration of Candidate based upon Name, Email Address, Mobile Number, etc.

Name (in Capital Letters)					
Gender (Select Appropriate)		Male		Fe	male
Category	OP	GEN-EWS	SC	ST	OB
PwD Candidate (Select Appropriate)		YES		1	NO

The caste of the candidate must be in the state-wise central list. OBC-NCL Certificate must be issued on or after April 1, 2022, in the prescribed format (as given in the Information Brochure)

### Category of PhD Programme (select appropriate)

	Full Time		Part T	ime
Fellowship (FT01)	Self-financed (FT02)	Sponsored (FT03)	Institute Part Time (PT01)	External Part Time (PT02)

#### **GATE Information**

Year of Passing	Subject	GATE Score	Score Out of 100

#### **NET Information**

ear of Passing	Subject	NET Score	Percentile
lear of Fassing	Subject	NET Score	Percentile

### Name of Department/Centre Being Selected for PhD Application (select appropriate)

Architecture	Material Science & Engineering
Civil Engineering	Chemistry
Computer Science & Engineering	Physics & Photonics Science
Electronics & Communication Engineering	Mathematics & Scientific Computing
Electrical Engineering	Management Studies
Mechanical Engineering	Humanities & Social Sciences
Chemical Engineering	Center for Energy Studies

Paste passport photograph

### Candidate's Name (In CAPITAL Letters as given in Class X Certificate)

Father	r's Name	(In CAP	ITAL Le	tters as	aiven in	Class X	Certific	ate)					
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Mother'	's Name	(In CAPI	TAL L	etter:	s as g	jiven	in Clas	s X Ce	rtifica	te)								
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Candid	ate's Cor	respor	nden	ce A	ddre	ss (i	n CAF	ΙΤΔΙ	Lette	re only)			_	_				
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- i				-	-		-	-	+									
State:			-	-	-				-									
Mobile N	No .		_			-			_		Pin	Code:						
Email A				-														
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			-															
State:		-	-															
Mobile N	lo :										Pin	Code:						
Email Ad	Jaress:																	
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2.														+				
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## List of documents to be attached along with application form

S.No.	Details of Documents/Certificates
1. :	Application Form (Paste Passport Size Photograph on the Application)
2.	Photo ID Proof as per Government of India Norms
3.	GATE/NET Certificate/Score Card
4.	Mark Sheet/Certificate of Class X (High School)
5.	Mark Sheet of Class XII
6.	Grade/Mark Sheets of Qualifying Degree for All Semesters/Years
7.	Degree/Provisional Certificate
8.	Course Completion Certificate (in case the Degree is not awarded)
9.	No Objection Certificate from Current Employer (for Sponsored Candidates)
10.	Sponsorship Certificate from Current Employer (for Sponsored Candidates)
11.	Proof of Payment of Processing Fee (deposited through SBI Collect)
12.	Valid Category Certificate (OBC/SC/ST) [OBC-NCL Certificate must be issued on or after April 1, 2022]
13.	Undertaking in Required Format (for OBC-NCL Candidates Only)
14.	Certificate of Persons with Disability (for PwD Candidates Only)
15.	Income and Asset Certificate Issued by Competent Authority (for EWS Candidates Only) [must be issued on or after April 1, 2022]

## **Declaration by the Candidate**

l,	, hereby solemnly and sincerely affirm that the statement made, and information
furnished by me in the Application	Form is true and correct. I have not concealed any information. However, if any
information furnished herein is fraud	ulent, incorrect, or untrue, I understand that I am liable to appropriate action and I
also agree to forego my seat. I also a	agree that any dispute arising out of my admission shall be subject to jurisdiction of
the Courts of Hamirpur/Shimla. I also	undertake to be responsible for a good conduct and discipline in the Institution.

Place: Signature of Candidate Date:

## PhD Admission 2022

## FORMAT FOR OBC [NCL] CERTIFICATE

## TO BE PRODUCED BY OTHER BACKWARD CLASSES APPLYING FOR PhD ADMISSION 2022

[This certificate MUST have been issued on or after 1st April 2022]

This is to certify that Shri/Smt	./Kum Son/Daughter of S	Shri/Smtof
	District/Division	
	Community which is recognised as a backward class ur	
(i) Resolution No. 12011/68/93 13/09/93.	3-BCC(C), dated 10/09/93 published in the Gazette of India Ex	ctraordinary Part I Section I No. 186, dated
(ii) Resolution No. 12011/9/94 20/10/94.	-BCC, dated 19/10/94 published in the Gazette of India Extra	aordinary Part I Section I No. 163, dated
(iii) Resolution No. 12011/7/95 25/05/95.	-BCC, dated 24/05/95 published in the Gazette of India Extra	raordinary Part I Section I No. 88, dated
(iv) Resolution No. 12011/96/94	-BCC dated 9/03/96.	
(v) Resolution No. 12011/44/9 11/12/96.	6-BCC, dated 6/12/96 published in the Gazette of India Extra	aordinary Part I Section I No. 210, dated
(vi) Resolution No. 12011/13/97	'-BCC dated 03/12/97.	
(vii) Resolution No. 12011/99/94	-BCC dated 11/12/97.	
(viii) Resolution No. 12011/68/98	-BCC dated 27/10/99.	
(ix) Resolution No. 12011/88/9 06/12/99.	8-BCC, dated 6/12/99 published in the Gazette of India Extra	aordinary Part I Section I No. 270, dated
(x) Resolution No. 12011/36/99 04/04/2000.	9-BCC, dated 04/04/2000 published in the Gazette of India Ex	xtraordinary Part I Section I No. 71, dated
(xi) Resolution No. 12011/44/99 21/09/2000.	9-BCC, dated 21/09/2000 published in the Gazette of India Ext	traordinary Part I Section I No. 210, dated
(xii) Resolution No. 12016/9/200	00-BCC dated 06/09/2001.	
(xiii) Resolution No. 12011/1/200	1-BCC, dated 19/06/2003.	
(xiv)Resolution No. 12011/4/2003	2-BCC, dated 13/01/2004.	
(xv) Resolution No. 12011/9/200 16/01/2006.	04-BCC, dated 16/01/2006 published in the Gazette of India Ex	xtraordinary Part I Section I No. 210, dated
(xvi) Resolution No. 12015/2/200	07-BCC, dated 18/08/2010.	
(xvii) Resolution No. 12015/2/200	)7-BCC, dated 11/10/2010.	
(xviii) Resolution No. 12015/13/2	010-BC-II, dated 08/12/2011.	
(xix) Resolution No. 12015/05/20	011-BC-II, dated 17/02/2014.	
(xx) Resolution No. 12011/6/201	4-BC-II, dated 07/12/2016.	
(xxi) Resolution No. 12011/13/20	116-BC-II, dated 22/12/2016	
(xxii) Resolution No. 20012/1/201	7-BC-II, dated 19/01/2017	

(xxiii) Resolution No. 12011/7/2017-BC-II, dated 31/07/2017

and the first

Shri/Smt./Kum.	and/or his family ordinarily reside(s) in the	District/Division of State/UT. This
is also to certify that he/s	she does not belong to the persons/sections (Creamy Layer) ment	ioned in Column 3 of the Schedule to the
Government of India, Dep	partment of Personnel & Training O.M. No. 36 012/22/93-Estt. (SCT),	, dated 08/09/93 which is modified vide ON
No. 36033/3/2004 Estt. (F	Res.), dated 09/03/2004, further modified vide OM No. 36033/3/2004-	-Estt. (Res) dated 14/10/2008, again further
modified vide OM No. 360	036/2/2013-Estt (Res) dated 30/05/2014.	
Place	Signature	e
Date	Designat	tion
		(with seal of office)

### NOTE:

- (a) The term 'Ordinarily' used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.
- (b) ^The authorities competent to issue Caste Certificates are indicated below:
- (i) District Magistrate / Additional Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / First Class Stipendiary Magistrate / Sub-Divisional magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner (not below the rank of 1<sup>ST</sup>
- Class Stipendiary Magistrate).
- (ii) Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.
- (iii) Revenue Officer not below the rank of Tehsildar.
- (iv) Sub-Divisional Officer of the area where the candidate and / or his family resides.
- (c) OBC Certificate issued from Maharashtra State must be validated by the Social Welfare Department of Maharashtra Government.

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## PhD Admission 2022

# FORMAT FOR DECLARATION TO BE SUBMITTED BY OBC CANDIDATES

I,	son/daughter of Shri
resident of village/town/city d	istrict
of State/UT	_hereby declare that I
belong to the	_community which is
recognised as a backward class by the Government of India for the purpose of rese	
orders contained in Department of Personnel and Training Office Memorandum No.	36012/22/93- Estt. (SCT),
dated 8/9/1993. It is also declared that I do not belong to persons/sections (Creations)	amy Layer) mentioned in
Column 3 of the Schedule to the above referred Office Memorandum, dated 8/9/199	3, which is modified vide
Department of Personnel and Training Office Memorandum No.36033/3/2004 Estt.	(Res.) dated 9/3/2004. I
also declare that the condition of status/annual income for creamy layer of my p	arents/guardian is within
prescribed limits as on financial year ending on March 31, 2022.	
Place:	
Date:	

Signature of the Candidate

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## PhD Admission 2022

# INCOME & ASSEST CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS

	Government of			2000
(Nar	ne & Address of the au	thority issuing the certificate)		
		n issued on or after 1st April 20	)221	
Certificate No			Date:	
	VALID FOR THE V	'EAR		
1. This is to certify that Shri/Smt./Kuma	ari		son/daughter/wife	e of
permanent residerDistrict in the State/Union	nt of	Village/Street	Post	Office
whose photograph gross annual income* of his/her family* does not own or possess any of the follo	* is below Rs. 8 lakh (F	Rupees Eight Lakh only) for the f	inancial year. His/her	family
5 acres of agricultural land and about     Residential flat of 1000 sq. ft. and a	above.			
<ul><li>III. Residential plot of 100 sq. yards ar</li><li>IV. Residential plot of 200 sq. yards ar</li></ul>	nd above in notified mund above in. areas other	nicipalities. er than the notified municipalities.		
Shri/Smt./Kumaribelongs to to Other Backward Classes (Central List).	he caste which is not	recognized as a Scheduled Ca	ste, Scheduled Tribe	e, and
		Signature with seal of Office		
Recent Passport				
photograph of the		Designation		
size attested photograph of the applicant  The in	ncome and assets of	Signature with seal of Office  Name  Designation  the families as mentioned we show the rook of Table 1.	ould be required to	

### Note:

- \* Income covered all sources i.e., salary, agriculture, business, profession, etc.
- \*\* The term 'Family" for this purpose includes the person, who seeks benefit of reservation, his/her parents, and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years.
- \*\*\* The property held by a "Family' in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

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