

April--2022

Indian Institute of Information Technology Sonepat



Ph.D. Programme for Working
Professionals

Notification

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Ph.D.ADMISSION NOTIFICATION 2022-23

Indian Institute of Information Technology, Sonapat (IIT Sonapat) is an institute of national Importance under Ministry of Education, Government of India,

Currently Institute is offering under graduate programs in Computer Science & Engineering and Information Technology. Shortly, the Institute will be shifting to its state-of-the-art Permanent Campus proposed to be developed on sprawling 50 acres (approx.) of land at village kilorad in Sonapat.

The Institute invites applications from eligible Indian Nationals for admission to the Doctor of Philosophy (Ph.D.) programme expected to start from the year 2022. This Programme shall be offered in Computer Science & Engineering (CSE), Information Technology (IT), and Mathematics in following areas:

Department	Research Areas
Computer Science & Engineering and Information Technology	All areas in Computer Science & Engineering & Information Technology (IT) like Operating Systems, Databases, Computer Networking, Compilers, Computer Graphics, Software Engineering, Image Processing and Computer Vision, Big Data, Data Mining, Artificial Intelligence, Machine Learning, Deep Learning, Natural Language Processing, Computational Intelligence, Internet of Things, Information Security and related areas.
Mathematics	Applied mathematics Numerical Methods, Discrete mathematics, Differential Equations, Statistics and all related areas in mathematics.

A. Ph.D. Scheme:

In this call, the Institute offers the Ph.D. Programme for working professional only under various institute level categories as follows:

1. Industry Candidates:

a) Extern Candidate from Industry (EX-I)

This category shall include a candidate who is self-financed and permitted and employed by a recognized private/ government/semi-government, R&D Organization, PSU, Private/ Government/ semi government Industry or companies or any Private/ government/ semi government non-academic institution for doing research basis in work integrated manner at the respective place of work. Such candidate is not eligible to receive any financial stipend or support from IIITS.

b) Intern Sponsored Candidate from Industry (IN-IS)

This category shall include a candidate who is sponsored and permitted and employed by a recognized private/ government/semi-government, R&D Organization, PSU, Private/ Government/ semi government Industry or companies or any Private/ government/ semi government non academic institution for doing research at IIITS.

Such candidate is not eligible to receive any financial stipend or support from IIITS, instead will be receiving the same from the sponsoring organization.

2. Academic Institution(s) Candidates

a) Extern Self financed candidates from Academic Institutions (Ex-A)

This category shall include a candidate who is self-financed and permitted and employed by a recognized private (autonomous or university affiliated)/ government (state or central)/semi-government academic institution for doing research in work integrated manner at the respective place of work.

Such candidate is not eligible to receive any financial stipend or support from IIITS.

b) Intern Sponsored Candidate from Academic Institutions (IN-AS)

This category shall include a candidate who is sponsored and permitted and employed by a private (autonomous or university affiliated)/ government (state or central)/semi government academic institution or sponsored under QIP schemes for doing research at IITS.

Such candidate is not eligible to receive any financial stipend or support from IITS instead will be receiving the same from the sponsoring organization.

B. Eligibility Criteria:

The relevant details of the eligibility criteria are as under:

Sr.No.	Category	Minimum Duration for Thesis Submission	Eligibility
1	Candidate from Industry (Ex-I) (IN-IS)	Two years from the date of joining the programme till the date of Submission of Thesis	<p>For Computer Science & Engineering and Information Technology :-</p> <p>Essential: Master's Degree-M.Tech/M.E in Computer Science/CSE/Information Technology/relevant disciplines or MCA+ M.Tech with minimum 60% marks (55% marks for SC/ST/PwD) / CPI or CGPA greater that 6.75 (6 for SC/ST/PwD) on a 10 point scale or its equivalent grade.</p> <p style="text-align: center;">AND</p> <p>Minimum 2 years of relevant Industry experience.</p> <p>Desirable: A valid GATE /UGC/CSIR/INSPIRE/NET Score/Equivalent Exam</p> <p style="text-align: center;">OR</p> <p>Essential: Bachelor's Degree in Engineering / Technology with First Class or 60% marks (55% marks for SC / ST / PwD) / CPI or CGPA greater that 6.75 (6 for SC/ST/PwD) on a 10 point scale.</p> <p style="text-align: center;">AND</p> <p>Minimum 4 years of relevant Industry experience.</p> <p>Desirable: A valid GATE /UGC/CSIR/INSPIRE/NET Score/Equivalent Exam</p>

			<p>For Mathematics :-</p> <p>Essential: Master's Degree- in Mathematics/M.Sc/MA/M.Sc.(Tech)/M.Tech/M.E in relevant disciplines or equivalent degree with minimum 60% marks (55% marks for SC/ST/PwD) / CPI or CGPA greater than 6.75 (6 for SC/ST/PwD) on a 10 point scale or its equivalent grade.</p> <p style="text-align: center;">AND</p> <p>Minimum 4 years of relevant Industry experience for M.Sc/MA/M.Sc.(Tech) and 2 years having M.Tech/M.E degree.</p> <p>Desirable: A valid GATE /UGC/CSIR/INSPIRE/NET Score/Equivalent Exam</p>
2	Academic Institution (s) Candidate (Ex-A) (IN-AS)	Two years from the date of joining the programme till the date of Submission of Thesis	<p>For Computer Science & Engineering and Information Technology :-</p> <p>Essential: Master's Degree-M.Tech/M.E in Computer Science/CSE/Information Technology/relevant disciplines or MCA+ M.Tech with minimum 60% marks (55% marks for SC/ST/PwD) / CPI or CGPA greater than 6.75 (6 for SC/ST/PwD) on a 10 point scale or its equivalent grade.</p> <p style="text-align: center;">AND</p> <p>Minimum 2 years of relevant academic experience.</p> <p>Desirable: A valid GATE /UGC/CSIR/INSPIRE/NET Score/Equivalent Exam.</p> <p>For Mathematics :-</p> <p>Essential: Master's Degree- in Mathematics/M.Sc/MA/M.Sc.(Tech)/M.Tech/M.E in relevant disciplines or <i>equivalent degree</i> with minimum 60% marks (55% marks for SC/ST/PwD) / CPI or CGPA greater than 6.75 (6 for SC/ST/PwD) on a 10 point scale or its equivalent grade.</p> <p style="text-align: center;">AND</p> <p>Minimum 2 years of relevant academic experience.</p> <p>Desirable: A valid GATE /UGC/CSIR/INSPIRE/NET Score/Equivalent Exam</p>

C. Fees Structure:

The payment of Annual Fees may be done on semester basis. The Semester wise Fees Structure for all the category of candidates is as under:

Sr. No.	Particulars	Amount (in Rs.)		
		First Semester	Second Semester	Total Annual fees
1.	Tuition Fee (per sem)	35000	35000	70000
2.	Student Activity Fee (per sem)	3177	3177	6354
3.	Inst. Dev. Fee (per sem)	3177	3177	6354
4.	Skill Dev. & Edu. Tour (per sem)	636	636	1272
5.	Examination Fee (per sem)	1271	1271	2542
6.	Medical Insurance (per year)	636	0	636
7.	Alumni Fee (one time)	1271	0	1271
8.	Student Welfare Fund (one time)	128	0	128
9.	Admission/registration Fee (one time)	1271	0	1271
10.	Watch & Ward/Tpt. Exp. (one time)	5082	0	5082
11.	Institute Security (Refundable one time)	6353	0	6353
12.	Library Security (Refundable one time)	1271	0	1271
	Total	59273/-	43261/-	102534/-

D. Application Procedure:

1. The applications are to be filled in hard copies and only in the prescribed format of the Institute given on the Institute's website - <http://www.iitsonapat.ac.in>
2. The Application Form shall not be supplied on postal request. The candidates are advised to download the same from Institute website.
3. The copy of the application form duly signed and enclosed with the Self-Attested photo copies of certificates/testimonials, etc., should reach by Speed Post/Registered Post on or before **20-05-2022 till 5:00 PM to**

**The Director,
IIIT SONEPAT,
I-TEC, Technopark, Sonapat Campus, plot #4-B, Rajiv Gandhi Education City, Rai, Sonapat,
Haryana-131029.**

4. All applications which are not in prescribed format / without relevant supporting enclosures / received after the last date / without application fees will be outrightly rejected. No correspondence shall be entertained in this regard. Interim Correspondence will also not be entertained or replied to.
5. Institute will not be responsible under any circumstances for any sort of postal delay/loss of the application form.
6. The last date for submission of application is **20-05-2022 till 5:00 PM**

Application Fees:

The Application Fees shall be as under:

Sr. No.	Particulars	Application Fees
1	General/OBC/EWS Candidates	Rs.1000/-
2	SC/ST/PwD Candidates	Rs.500/-

7. The Application Fees shall be payable through Demand Draft drawn in favour of **Indian Institute of Information Technology Sonapat**” or **“IIT Sonapat” payable at Kurukshetra** or by UPI/NEFT/RTGS in the following Bank Account (Attach Receipt with submitted application):

Account Name	Indian Institute of Information Technology Sonapat
Account Number	36227938668
Name of the Bank	State Bank of India, NIT Kurukshetra
Branch Code	6260
IFSC Code	SBIN0006260
MICR Code	136002005

Note- Candidates are required to write his/her name and contact number on back side of the Demand Draft or NEFT Receipt

8. Candidates are required to write his/her name and contact number on the UPI/NEFT/RTGS Receipt, The Application Fees is non-refundable.
9. The envelope containing the Application Form shall mention on the top in bold **“Application for Ph.D. in the <CSE> or <IT> or <Mathematics>”** with candidate name, address and phone number written on it.
10. Employed candidates are required to submit the Letter of consent in format provided in **Annexure – 2.**

11. No TA/DA and/or Lodging/Boarding will be paid for attending the Written Test/Interview.
12. Any corrigendum/changes/updates shall be made available only on the Institute's website viz. <http://www.iiitsonepat.ac.in/> The candidates are advised regularly visit the Institute's website for any updates.

E. Selection Process

The Ph.D. admissions shall be on the basis of online/offline written test and/or interview. The department may decide to scrutinize the candidates by following different mechanism such as area of interest of guide/candidate/Statement of Purpose (SoP) presentation/departmental research strengths. In case of written test, **latest GATE syllabus will be followed.**

F. Submission of Documents / Certificates:

The self-attested copies of following documents are required to be attached with the hardcopy Application Form, failing which the application shall not be evaluated and shall stand summarily rejected:

- ✓ The hard copy of the Prescribed Application Form duly signed on all the pages.
- ✓ 10th Standard Certificate.
- ✓ 12th Standard Certificate.
- ✓ Graduation Mark-Sheets for all years.
- ✓ Graduation Degree Certificate.
- ✓ Post graduation Degree & Mark-Sheets for all semesters.
- ✓ Letter of Consent (Annexure 2) /experience/ Service Certificate from the Employer
- ✓ EWS and OBC Certificate (wherever applicable) issued in the current Financial Year only
- ✓ SC/ST/PwD Certificates (wherever applicable) in prescribed Performa
- ✓ Actual DD or original NEFT receipt
- ✓ Annexure 1,2

G. Minimum Exit Criteria:

All the registered Ph.D. students need to complete the requirement of coursework of 6 credits by M.Tech Degree Holders and 12 credits by B.Tech Degree/ M.Sc/MA/M.Sc.(Tech) Holders in either of the following modes:

A. Courses offered by the Institute

OR

B. Credits can be earned through successful completion of the online courses available on MOOC platforms like NPTEL, etc. (The total minimum hours for the courses should be 40 hours or as decided by competent authority from time to time).

Publications:

The minimum requirement for submitting the Thesis is publication in 2 SCI/Scopus indexed journal and 2 Publications in International conferences of repute/IEEE/Springer/ Elsevier.

H. General Terms & Conditions:

1. The decision of Director, IIITS shall be final in all the matters related to Admission Process.
2. The Institute reserves its right to cancel / postpone / hold the Admission Process at any stage without citing any reason thereof.
3. Mere eligibility doesn't ensure selection. The Institute reserves the right to select limited number of Ph.D. Candidates in each of the Departments at the sole discretion of Director, IIITS.
4. The candidates are required to have at least **one working email** and **mobile number** which will be used during the entire admission process for communication, if required.
5. In case of any inadvertent mistake in the process of admission detected at any stage even after the registration of the candidate for Ph.D. Programme, the Institute reserves the right to modify/withdraw/cancel any communication made to the candidates.
6. Canvassing in any form shall lead to disqualification of the Candidate for admission.
7. Clarification, queries in the context of Admission Process may be sent on the email id - sonapatiit@gmail.com

Place: **Sonepat**

Date: **02-04-2022**

Sd/-
DIRECTOR
IIIT ,Sonepat

Annexure-1

STATEMENT OF PURPOSE (SOP)

Statement of Purpose (SOP) is an opportunity to share with the admission committee your thoughts and feelings about Ph.D. studies at IIIT Sonepat including your preparation for the same.

Briefly describe past project/ research work done by you. Restrict yourself to 500--600 words. The personal SOP will aid the admission committee in evaluating your application.

- 1) If you are applying for more than one academic discipline, you may include a separate SoP for each discipline.
- 2) The proposal should contain
 - a) Problem identification / research area,
 - b) A brief review of literature, and
 - c) Methodology.

Applicant Name: _____

Ph.D. Programme in _____

Annexure-2

LETTER OF CONSENT

LETTER OF CONSENT FROM THE EMPLOYER

Dear Sir,

This is to certify that Shri./Smt./Kum._____is an employee of our Company/Organization/College/ University since_____and is currently serving as_____ (designation) and he/she can pursue his/her doctoral studies in working professional mode at IIIT Sonapat in relevant stream/field.

Signature & Seal of the Head of the Company / Organization / College / University

Dated-