

## Information Brochure for Doctoral Programme 2018-19

### Important Dates

Submission of online application commences on :	3 <sup>rd</sup> April, 2018
Last date for submission of online application :	30 <sup>th</sup> April, 2018
Date of Selection Test (Tentative) :	21 <sup>st</sup> and 22 <sup>nd</sup> May 2018
Date of provisional registration & Commencement of Classes :	1 <sup>st</sup> August, 2018



International Institute of Information Technology Bhubaneswar  
(A University established by the Government of Odisha)

Gothapatna, P.O - Malipada, Bhubaneswar -751 003

Phone: 91.674.3060505/3060508 Fax: 91.674. 3060509

Email: [admission@iiit-bh.ac.in](mailto:admission@iiit-bh.ac.in)

Website: [www.iiit-bh.ac.in/admissions](http://www.iiit-bh.ac.in/admissions)

## **1. About the Institute**

IIIT Bhubaneswar owes its origins to the initiative of the Government of Odisha. It is a result of the desire of the Government to establish a world class institute of Information Technology in the state. The Institute has been registered as a society in Nov 2006. In January 2014, the Institute is converted to a University by the Government of Odisha.

The Management of the institute is in the hands of a Governing Body, consisting of representatives from the Government of Odisha, Leaders from the IT industry and eminent educationists. Currently, the Chairman of the Institute is the Chief Secretary of the Government of Odisha.

IIIT-Bhubaneswar has its focus on quality and rigorous education, quality resources, academic infrastructure, technology and innovation. These initiatives have helped IIIT-Bhubaneswar achieve pre-eminence in India and beyond.

Our vision is to be a unique institute imparting education, training, research, and consulting in technology and related fields to develop human resources who will lead the economy and the society in the coming decades.

The mission of IIIT is to be a knowledge seeking Institution of higher learning that will educate students in technology and other disciplines of scholarship. The Institute will work closely with the Industry and other users of the technology to develop and deliver technological solutions to enhance their competitive position.

IIIT-Bhubaneswar provides facilities for research leading to the Degree of Philosophy (Ph.D.) in Computer Science, Engineering, Basic Science and Humanities in various disciplines. The degree will be awarded to a candidate by the university on successful completion of the stipulated research programme.

## **2. Doctoral Programme**

The Doctoral Programme in the Institute is designed to educate scholars who make a difference through rigorous academic research. The programme offers students opportunities for advanced studies and research in different specializations related to Engineering, Science and Humanities. The Programme aims to prepare students for careers in teaching and research in related disciplines and for careers in the government, in

industry, and in other organizations that require advanced analytical and research capabilities.

The Doctoral Programme is a four year structured programme. The Institute takes Doctoral supervision very seriously, and offer also support for developing teaching skills, academic publications and postdoctoral careers. The focus of the doctoral programme is to develop professional academic researchers.

Research scholars are involved in seminars, working groups and many academic events within and across departments where they actively participate and present their work.

### 3. Research Facilities

The Institute provides good academic and research infrastructure. Some key highlights of such infrastructure are:

- High Performance Computing Lab
- A good collection of scientific computing software
- Laboratories for experimental Research
- A large collection of Academic Journals

The Institute proposes to collaborate with reputed institutes of Research and Higher Learning in geographic vicinity to augment research facilities to be made available to its scholars.

### 4. Disciplines in which Doctoral Programmes are offered

The Institute offers Doctoral Programmes in following Disciplines

Department / Discipline	Remarks
Computer Science and Engineering	All Areas of Computer Science
Electronics and Telecom Engineering	All Areas of Electronics, Communication
Electrical Engineering	All Areas of Electrical Engineering
Mechanical Engineering	Thermal Engineering Design and Dynamics
Basic Sciences and Humanities - Physics	Quantum Computation Quantum Information Computational Biophysics Nonlinear Dynamics Non equilibrium Statistical Physics
Basic Sciences and Humanities – Chemistry	Organic Chemistry Inorganic Chemistry
Basic Sciences and Humanities –	Optimisation

Mathematics	Numerical analysis Functional analysis Fluid dynamics
Basic Sciences and Humanities – English	English Literature American Literature African English Literature Indian Literature Critical Theory Communicative English Professional writing, Translation
Management	Information Systems

## 5. Types of Scholar

The Institute's Doctoral Programme admits following types of scholars

Type of Scholar	Type of Students	Financial Assistance
FTUF	Full Time	UGC/CSIR
FTIF	Full Time	Institute Fellowship
FTSF	Full Time	Sponsored / Self-Financed
PTSF	Part Time	Sponsored / Self-Financed
FTFM	Full Time Institute Faculty Members	Self-Financed

## 6. Eligibility

The eligibility criteria for admission to Ph.D. programme are as follows:

Must possess minimum qualification in relevant discipline and minimum CGPA / % Marks.

Programme	Qualification	CGPA	% Marks
Engineering	M.E. / M.Tech.	7.5	70
	OR B.E. or B. Tech. from an Institute of Repute	8.0	75
Science	M.Sc.	6.5	60
Humanities	M.A. (Humanities)	6.0	55
Management	MBA / M.Tech. /	7.5	70
	B.E. or B. Tech. from an Institute of Repute		

Candidates who expect to complete the final part of their degree examinations by June 30, 2018, can also apply. Offers of admission to such candidates, if made, will be provisional and will be automatically cancelled in the event of their failing to complete all the requirements for obtaining the degree before June 30, 2018.

- Institutes of Repute are IITs, NITs, IIITs. Other Institutes are included in this list by the Institute Academic Committee (IAC) on case to case basis.
- A concession of 5% in marks or 0.5 in CGPA may be given to SC/ST candidates.
- Students with degrees in one discipline can enrol for Ph.D. in another discipline if such discipline is considered relevant by the Institute Academic Committee. Relevant discipline matrix is given below:

Department	Relevant Disciplines
Computer Science & Engineering	B. Tech. / M. Tech. in Computer Science & Engineering Electronics Electrical Engg. Information Technology
Electronics & Telecommunication Engg.	M. Tech. in Electronics Electrical Engg.
Electrical Engineering	M.Tech. in Electrical Engg.
Mechanical Engineering	M.Tech in Mechanical Engg.
Chemistry	M.Sc. in Chemistry.
Physics	M.Sc. in Physics.
Mathematics	M.Sc. in Mathematics
Humanities	M.A in relevant subject

## 7. Procedure for Application

The candidate is required to fill the application online by accessing the Institute's website ([www.iiit-bh.ac.in](http://www.iiit-bh.ac.in)) against official advertisement for doctoral programme. For details application procedure and fee payment refer to the latest advertisement in our website.

Please note that only on-line application is accepted. **The online transaction ID has to be kept ready at the time of filling the online application form, since the online transaction ID has to be entered in the application form.**

- Online transaction for non refundable application fee of Rs. 1000/- can be made via debit / credit card / net banking.
- Click on the link given in the website for Ph.D. admission.
- Enter your name and e-mail id, so that an email will be sent to your e-mail id for enabling you to fill the form.
- Click on the link given in the e-mail sent by our system.
- Carefully fill in all the relevant fields of the blank application form which include the draft details.
- Submit the form by clicking the button "Submit". On successful submission, the next screen shall display the message Data saved. You will need the link sent to your e-mail id, as well as the e-mail id entered by you to subsequently log in to our system and perform any or more of the following:
  - Edit your application and resubmit if required.
  - Print your application by clicking on the print button.
- The e-mail sent by our system should be carefully preserved by you. You shall need it for subsequent steps.
- Keep on visiting our Website to view important announcements regarding the admission process.

You are required to send the following by speed post/hand delivery so as to reach IIIT Bhubaneswar latest by **7<sup>th</sup> May, 2018**:

- ✓ Printed copy of the application form submitted on line
- ✓ A recent passport size photograph, pasted on the application form.
- ✓ Copy of the online transaction slip of Rs. 1000.00 (Rupees One Thousand only).  
Please write your name and application id on the back of the online transaction slip.
- ✓ Self-attested copies of the following documents:
  - i. 10<sup>th</sup> mark sheet and pass certificate
  - ii. 12<sup>th</sup> or Diploma mark sheet and pass certificate
  - iii. B.E./B.Tech./ Graduation mark sheet and pass certificate
  - iv. Post-Graduation mark sheet and pass certificate
  - v. Valid NET (JRF) or GATE score (if qualified)
  - vi. A "No Objection Certificate" (NOC) from your current employer, if you are an employee of any Organization

Your admit card will be sent to you through e-mail. You are required to paste your photograph in the space provided in the admit card and bring the same for the written test. (You shall paste the copy of the same photograph already sent along with the copy of the on line application form).

Note that candidates wishing to apply in more than one discipline are required to apply separately.

## **8. Selection Procedure**

The Selection Procedure involves the following:

- Short-listing of candidates will be done based on the academic performances.
- Those short listed will under-go a Written Test and Interview to be conducted at IIIT Bhubaneswar.
- The Final Selection will be done on the basis of academic performance, performance in the Written Test and the Interview taken together.
- The details regarding the selection test shall be notified separately. Candidates are advised to visit the admission website regularly.

## **9. Fellowship and Financial Assistance**

The UGC and CSIR offer financial assistance to scholars qualified in NET (JRF) examinations. The candidates aspiring to be full-time scholars are encouraged to get qualified in these examinations.

Other Government Departments also offer scholarships for Doctoral Programmes. The Institute assists the scholars in availing such scholarships.

The Institute has a limited number of assistantships **for Odisha Domicile students** which are offered to Full-Time scholars for 4 years.

In case of students awarded a scholarship by an external agency or from a research project operating in the Institute, the rules shall be governed by the provisions specified by the sponsor.

## 10. Fee Structure:

The Fee Structure for the Ph.D. Programmes is given below.

<b>Component</b>	<b>1<sup>st</sup> Year (in Rupees)</b>	<b>2<sup>nd</sup> Year (in Rupees)</b>	<b>3<sup>rd</sup> Year (in Rupees)</b>	<b>4<sup>th</sup> Year (in Rupees)</b>
Tuition Fee	25,000 per Semester	25,000 per Semester		
Admission Fee (One Time)	30,000			
Hostel Accommodation for Full Time Scholars	3,000 per Semester	3,000 per Semester	3,000 per Semester	3,000 per Semester

## 11. Disclaimer

The rules and regulations mentioned in this information brochure are provisional and may change. The rules and regulations in force will be applicable to admitted students.