



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR**

**Odisha-751019**

**An Institute of National Importance under Ministry of Health & Family Welfare  
through the All India Institute of Medical Sciences (Amendment) Act, 2012.**

**THE PhD PROSPECTUS- 2020-21**

## **INTRODUCTION**

All India Institute of Medical Sciences, Bhubaneswar has been established as an Autonomous Institution and Institute of National Importance through the All India Institute of Medical Sciences (Amendment) Act, 2012. By virtue of this Act, the Institute grants its own medical degrees and other academic distinctions. AIIMS, Bhubaneswar, is one of the fastest-growing INIs. The Institute invites applications from highly motivated students having a consistently good academic record for enrolment in the PhD program. AIIMS Bhubaneswar is a unique institution with a Hospital Wing, an Academic Wing and Research Wing. It makes major contributions to the teaching as well as exploring the fundamental aspects of biology and the most practical and applied problems of human health. All basic and preclinical department houses research and teaching laboratories, faculty offices, lecture rooms, specialized libraries, storeroom and departmental office. Besides the departmental library, journal and books related to the subject of medicine and basic science and other subjects are available in the central laboratory also. Department has well equipped Postgraduate and Clinical research laboratories.

### **THE PhD PROGRAMME**

The AIIMS Bhubaneswar offers both full-time and part-time PhDs in Medical/ Health Sciences. Scholars can pick a theme of their choice depending on the expertise and interest of the supervising faculty member from the following department

- Biochemistry
- Community Medicine and Family Medicine
- Microbiology
- Pathology
- Physiology
- Pharmacology

## **ADMISSIONS**

The selection for PhD will be carried out once in a calendar year, for the July/August session. The announcement will be made on the Institute's website (<https://www.aiimsbhubaneswar.nic.in>) and National News Paper. The notification will be made based on the availability of seats and availability of research guides at this Institute. Individual Junior Research Fellowship holders (UGC, CSIR, ICMR, DBT, DST-INSPIRE, AYUSH and other) will be selected on the basis of interview. Selected candidates are expected to complete the registration process by 31<sup>st</sup> December of the same year.

### **DURATION OF THE PROGRAMME:**

The candidates registered for the Degree of Doctor of Philosophy (PhD) as full-time research scholars shall undergo research work for a minimum period of 3 years from the date of registration.

The duration of the course and certification of research experience will be the time period from registration to submission of the thesis. The maximum period of the course shall not exceed five years for full-time candidates and six years for in-service candidates from the date of registration. The registration of the candidates who could not complete their course within the above stipulated period will have to re-registered for the programme.

### **ELIGIBILITY**

A candidate seeking admission to the course of study leading to the award of a Degree of Doctor of Philosophy must possess at least one of the following qualifications:

- 1. \*\*Medical qualification:** MBBS/BDS with minimum 55% aggregate marks or MD/MS/MDS/DM/M.Ch in the subject concerned or Diplomate of National Board (DNB) of Examination will be considered eligible for the admission.
- 2. \*\*Non-Medical** – For non-medical candidates, eligibility shall be Master's Degree (two years course) awarded by Indian Universities or equivalent in the subject as per the

requirement of the project. Candidates holding M.Sc. in a subject allied to Life Sciences/Bio-Medical Sciences (Other than M.Sc. Nursing) M.Tech. The degree will be eligible for the Non-Medical Qualification Category. Candidate having eligibility under non-medical category should have at least 55% marks in the last eligibility examination qualified (50 % in case of SC/ST/OBC/OPH candidates).

Candidate possessing a Master's Degree through distant learning course shall not be eligible.

The non-medical candidates should have qualified in any one of the following national entrance tests in the last 2 years (Valid Fellowship):

- Joint CSIR-UGC NET for JRF
- ICMR – JRF
- DBT – JRF
- NBHM screening test
- Graduate aptitude test (GATE)
- INSPIRE fellowship
- UGC – JRF
- CSIR – JRF
- Any other Fellowship for the PhD. Program
- Candidates working under Central Govt./Semi Govt./Autonomous organization should submit their applications through proper channel i.e. employer. They will be required to submit a 'No Objection Certificate" from their employer before they are allowed to join the PhD Course.
- The candidates who are likely to complete requisite qualification and degree by 15<sup>th</sup> October2020 may also apply.

- A candidate who is employed as a Research Fellow in extramural research projects in this Institute provided, he/she possesses the required educational qualifications\*\*.
- A teacher of the Institute holding a substantive post who is relieved on study leave with salary for a period of not less than two years for pursuing a Ph.D. program.

### **FOR IN-SERVICE CANDIDATES AT AIIMS, BHUBANESWAR**

\* Applicants from AIIMS Faculty/Scientific Staff for Ph. D. registration will be considered as in-service candidates as per guidelines laid down by AIIMS Bhubaneswar in this regard.

### **HOW TO APPLY:**

Application form available at the AIIMS Bhubaneswar website (<https://www.aiimsbhubaneswar.nic.in>) should be duly filled and the filled application form should be forwarded through Speed Post to **The Registrar, Examination Cell, All India Institute of Medical Sciences, At-Sijua, Post-Dumuduma Patrapada, Bhubaneswar -751019** to reach on or before 21.11.2020 at 5:00pm. The envelope should be marked as "AIIMS BBSR PhD 2020-21". Incomplete applications and applications received after the closing date will be disqualified.

### **SEATS AVAILABLE**

Seats available for PhD Programme (2020-21 session) in the following Departments

<b>S.No</b>	<b>Departments</b>	<b>Code</b>	<b>Number of seats</b>
1	Biochemistry	102	1 (OF), 1 (ISC)
2	Physiology	103	2 (OF), 2(ISC)

3	Pharmacology	104	3 (OF), 3(ISC)
3	Microbiology	105	3 (OF), 3(ISC)
4	Pathology	106	2 (OF), 2(ISC)
5	Community Medicine and Family Medicine	108	1 (OF), 1 (ISC)

### **ABBREVIATION**

OF- Own Govt. Fellowship

ISC- AIIMS Bhubaneswar in Service Candidate only

### **APPLICATION FEES**

Application fees for various categories for Ph D Programme September 2019 Session is as follows:

- a) General/OBC category: INR 1500/- + transaction Charges as applicable
- b) SC/ST category: INR 1200/- + transaction Charges as applicable

### **SELECTION PROCESS**

**Step 1:** Applications will be screened for eligibility as per the Institute guideline. The names of the short-listed candidates along with date and time for the personal interview will be displayed on the AIIMS Bhubaneswar website. The list of PhD guides (who have a vacancy for PhD students in their laboratory) would be given to shortlisted candidates. The final selection would be based on the performance in the interview.

(\* Based on the number of the shortlisted candidate, a written exam and interview may be conducted). The decision of the Institute will be final and no correspondence will be entertained in this regard.

No TA/DA shall be provided by the Institute at any stage of the admission process and outstation candidates appearing for the interview should make their own arrangements for their stay in Bhubaneswar.

**Fellowship:** The selected candidates, who have passed the JRF examination conducted by CSIR/UGC/ICMR/DBT/AYUSH/DST-Inspire can avail fellowship as per the rules of the respective funding agency. No institute fellowship is available at this stage.

**Hostel:** Candidates selected for PhD may avail Hostel facility upon availability and request.

### **REGISTRATION FOR PhD PROGRAM**

(i) A Candidate, certified as eligible for the Ph.D. program by the PhD Admission Committee, shall be registered for the PhD Degree subject to approval by the Director and on payment of a prescribed fee.

(ii) A candidate applying for registration shall do so, specifying the broad-field or an interdisciplinary field in which he/she intends to pursue research, the subject of research being wholly or partly related to the main branch of knowledge chosen for the Post-graduate degree in which the candidate has qualified and the name of the recognized guide under whom he/she proposed to do research.

(iii) The maximum number of PhD candidates per guide shall be five at any given point of time

(iv) Candidates who propose to carry out research work in the interdisciplinary area will be permitted to have, on the recommendations of the guide/supervisor, a co-guide who will be a specialist in the related subject.

### **TRAINING PROGRAMME**

**Institutional Training:** Candidates will participate regularly in the research-oriented teaching programmes, and journal clubs of the department during the initial two years. They may not attend any teaching activity which is purely clinical.

**External Training:** The candidate may be permitted to undergo external training up to six months duration at a recognized national or international research institute in the

entire tenure for learning techniques/research work related to the project on the recommendations of the guide and approval of the Director, with no financial implication to the Institute.

### **LEAVES AND OTHER RULES**

Only 30 days' leave is permitted in a given year. Leaves to attend the academic activity (Conference/workshop/CME etc.) will be permitted in a year for a maximum of ten days. During this conference, the candidate should present a paper from her/his thesis work. If they wish to attend the conference without presenting any scientific paper may avail leave from their sanctioned 30 days. If leave availed exceed the limit within a year, then the extended period is treated as Extra Ordinary Leave and his/her minimum registration will be extended for the same duration.

In case the Chief Guide recommends a candidate for specific training or project-related work outside AIIMS (within India or abroad), the leaves shall be treated as on-duty/Study leave. This study leave shall not be more than 6 months in the entire registration period. The proof of acceptance of the candidate for such training/work outside should be submitted and on return, the report of such training/work done shall be required to be submitted to the Dean, by the candidate through the chief guide.

### **MEDICAL EXAMINATION**

Medical fitness will be pre-condition for registration for all candidates. The candidates will be medically examined by a Medical Board, constituted by the Institute for this purpose to determine their medical fitness.

The candidate should get the approval of his/her research proposal by the Institute Research Committee and the Institutional Ethics Committee (Human/Animal) within six months of his/her registration.



## **EXAMINATION UNDER PART I OF THE PhD PROGRAMME**

- i. A PhD candidate within six months of registration shall appear for an examination consisting of two written papers of 3 hrs duration each (Paper I consisting of research methodology and basic biostatistics; Paper-II consisting of experimental / laboratory techniques/methodology and questions related to the chosen topic. Each written paper carries a maximum mark of 100.
- ii. The written examination will be conducted by Examination Cell AIIMS Bhubaneswar.
- iii. The syllabus for Part I examination will be framed by the Doctoral Committee. Valuation in respect of paper-I will be done by Guide and co-guide, one observer selected by the Director will be present for going through the corrected paper. The final mark sheet will be signed by all three. The passing minimum is 50% of each paper.
- iv. All the candidates shall have to clear the part-I examination within 12 months from the date of joining or maximum 3 attempts whichever is later.
- v. A candidate who fails in the third attempt shall not be permitted to continue and the registration shall be cancelled.

## **CONFIRMATION OF REGISTRATION AND THESIS UNDER PART - II**

- i. The Provisional Registration of a candidate for the PhD Degree shall be confirmed on receipt of the report of the result of the PhD Part-I examination conducted and the candidate will be registered under part-II of the PhD programme, namely thesis. Every such candidate shall be required to choose a research topic and submit a thesis incorporating the results of his/her investigations carried out under the guidance of a recognized Supervisor.

- ii. In-service candidates registered under guides not working in the same department shall be required to spend the last six months of their tenure directly under the supervisor who will have close scrutiny of the final stages of research.
- iii. If the PhD Scholar is suspended from duty in connection with any investigation into his/her conduct, he/she shall not be entitled to any pay/salary during such period of suspension.
- iv. The Ph.D. Scholar shall devote his/ her whole time to the duties of the said service and shall not engage, directly or indirectly, in any trade, business, occupation or profession (Including any private practice) on his/her own account and shall not (except in case of accident or sickness certified by competent Medical authority) absent himself/herself from his/her said duties without having first obtained permission from the Government or its authorized officers.
- v. The Ph.D. Scholar shall carry out all the duties and responsibilities required of him/her to be performed and undertaken by the Head of the Institution where he/she will be placed in the discharge of the patient care and maintenance of records and such other clinical and technical duties as may be assigned to him/her by the aforesaid authorities from time to time in the interest of efficient patient care and running of the hospital.
- vi. Summative evaluation and Award of Degree: On completion of tenure, the thesis shall be evaluated by a minimum two external reviewer. Upon receipt of a satisfactory report from the reviewer, the candidate shall be eligible for public defence and viva-voce.

## **CANCELLATION OF REGISTRATION**

- I. Registration may be cancelled on the recommendations of the Doctoral Committee based on the lack of progress as reported by the Guide and also after giving due opportunity to the candidate for defending his case.
- II. Registration may be cancelled on the candidate's own request and duly endorsed by the Doctoral Committee.
- III. Registration of the candidate will be automatically cancelled if he/she fails to submit a Ph.D. thesis within five years from the date of registration.
- IV. If the candidate desires to pursue the PhD programme after the cancellation of registration, he/she may do so after going through admission procedure as a fresh applicant.

### **The Services of the PhD Scholar may be terminated as follows:**

- I. By the Government or its authorized officers without any previous notice if the Government is satisfied on medical evidence that the PhD Scholar is unfit and is likely for considerable period to continue unfit by reason of ill-health for the discharge of his duties PROVIDED ALWAYS that the decision of the Government that the PhD Scholar is unfit and is likely to continue unfit shall be conclusive and binding on him.
- II. By the Government or its authorized officers without any previous notice if the PhD Scholar shall be guilty of any insubordination, intemperance or other misconduct or any breach or non-performance of any of the provisions of this agreement or of any rules pertaining to the Institution where he/she may be placed from time to time.

- III. By thirty days' notice in writing given at any time during service under this Agreement by the Government or its authorized officers to him/her without cause assigned.
- IV. Unauthorised absence of students will be informed to the Students and also Parents or Local Guardians. At least 3 reminders will be issued with a gap of 10 days by the Academic Section to these students. Thereafter the action of cancellation of the registration of the concerned will be decided by the Dean/ Director, AIIMS.

### **AGREEMENT BOND / SURETIES / CONTRACT**

All in-service candidates shall have to execute a bond of continuing service with the institute for a minimum period of three years from the completion of the PhD course.

### **FEES**

Each candidate selected for admission will have to pay the following Course duration Fees and dues:

<b>Duration</b>				
<b>1.</b>	Registration Fee	:	Rs. 25/-	
<b>2.</b>	Tuition Fee		Rs. 720/-	3 Years
<b>3.</b>	Laboratory Fee		Rs. 120/-	3 Years
<b>4.</b>	<b>Pot Money</b>		Rs. 720/-	3 Years

6	Gymkhana Fee		Rs. 120/-	3 Years
8.	Caution Money	:	Rs. 100/-	
			(to be deposited by every student for the recovery of breakages or loss of Institute's equipment).	

### **CODE OF CONDUCT FOR PhD STUDENTS AT AIIMS, BHUBANESWAR**

1. Maintenance of Discipline within the institute and outside
2. Prohibition of Ragging and Punishment for Ragging as per the Govt. of India Rules.
3. Discrimination on the basis caste/race/gender/

\*AIIMS Bhubaneswar reserves the right to change the minimum eligibility criteria based on the number of applications. The decision of the Director/Admission Committee will be final and no correspondence will be entertained in this regard. Candidates should note that nonfulfillment of the eligibility criterion will result in the cancellation of candidature at any stage of the admission process.