



INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, SHEIKHPURA, PATNA – 800 014 (Bihar, India)

(An Autonomous Institute of Government of Bihar & Statutory University Created by
an Act of State Legislature and recognised by UGC & MCI)

OFFICE OF THE DEAN (ACADEMIC)

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Letter No. IGIMS/ Acad./ 1209 /2023

Date: 16/08/2023

ADMISSION NOTICE

Advt. No.03/Acad./2023

Applications are invited from eligible Indian citizen for admission to the following programme in the Session 2023 (July). Last Date of Application 25/9/2023 at 04:00 PM by Regd./ Speed Post/ Courier.

Sl. No	Name of Courses	No. of seats
(A)	Doctor of Philosophy (Ph.D)	
1.	Microbiology	02 (Two)
2.	Biochemistry	04 (Four)
3.	Pharmacology	01 (One)
4.	Physiology	02 (Two)
5.	Psychiatry	01 (One)
6.	Surgical Gastroenterology (G.I.Surgery)	02 (Two)
7.	Community Medicine	02 (Two)
8.	Ophthalmology	02 (Two)
9.	Nephrology	02 (Two)
10.	Obst. & Gyane	01 (One)
11.	Forensic Medicine	02 (Two)
12.	Neurophysiology (Dept. of Neurology)	02 (Two)
13.	Gastroenterology	02 (Two)
14.	Cardiology	02 (Two)
15.	Reproductive Biology (Dept. of Reproductive Medicine)	01 (One)
16.	Urology	02 (Two)
17.	Paediatrics	01 (One)
18.	Gynaecological Oncology	01 (One)
19.	Radiation Oncology	01 (One)

Prospectus and application form can be downloaded from Institute website www.igims.org. Demand Draft of Rs. 1000/- for (UR/ BC/ EBC/ EWS/ SC/ST) candidate in favour of Director, IGIMS, Patna as Examination fee must be attached along with application form. Application Form without required fee shall be rejected. Complete application form should be addressed and sent to Dean (Academic) Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna-800014 by Regd./ Speed Post/ Courier only. Details information can be seen on Institute website www.igims.org. In complete applications form will be rejected.

Dean

IGIMS, Patna

DEAN

Indira Gandhi Institute
Medical Sciences, Sheikhpura, Patna

PROSPECTUS

(Academic Year 2023- July Session)



IGIMS – Doctor of Philosophy (Ph. D)

Academic Session 2023 – July Session



INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES,
SHEIKHPURA, PATNA-14.

An Autonomous Institute of Government of Bihar & Statutory University Created by an Act of State Legislature and recognised by UGC.

AT A GLANCE

Ph.D Course : Last Date of Application **25/09/2023**
at 04.00 PM

• EXAMINATION SCHEDULE

Uploading of Admit Card on Institute Website. : To be announced later on website
(**www.igims.org**)

Entrance Examination : **10/10/2023**

Declaration of Result : To be announced later on website

Departmental Assessment : To be announced later on website

Final Result : To be announced later on website

❖ Name of the course applied for should be written on the envelope containing application form.

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NOTE:-The candidate is advised to read the Prospectus carefully before filling up the Application Form and ensure that no column is left blank. In the event of rejection of the application form, no correspondence/request for re- consideration will be entertained. Please retain the Prospectus till the completion of Admission Process.

INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, **SHEIKHPURA, PATNA-14.**

I. INTRODUCTION

Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna – 800 014 is an Autonomous Superspeciality Institute of the State of Bihar – established by the act of legislative assembly. Various facilities are available at this Institute to cater to the needs of patients belonging to the State of Bihar and neighbouring states. It is situated in a sprawling 133 Acre campus in the heart of the city with important landmarks of the city like Airport, Rajbhawan, Secretariat, Vidhan Sabha, High Court, Patna Junction Railway Station and Bus Stand being located within 6 kilometers distance. Being situated on Main Bailey Road, it is easily accessible round the clock.

Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna is a tertiary care hospital, providing treatment in various super-specialties. Patients referred from various hospitals and Medical Colleges come here for highly specialized treatment.

At present the Institute provides clinical services in various disciplines including Nephrology, Urology, Gastroenterology, G.I. Surgery, Neurology, Neurosurgery, Cardiology, General Medicine, Pulmonology, Reproductive Biology, General Surgery, Paediatrics, Paediatric Surgery, Anaesthesia (Pain and Palliative Care Clinic), Obs. & Gynae, Community Medicine Regional Institute of Ophthalmology, Dentistry and Regional Cancer Centre (Cancer Treatment and Research Center) are providing specialized services in respective fields. Clinical services are backed by investigative services including conventional Radiology, Ultrasound, Whole Body Spiral CT Scan, Biochemistry, Histopathology, General Pathology, Microbiology, Video-Endoscopy, Urodynamics, EEG/EMG Lab. Etc. Institute provides emergency and Intensive care services to acutely ill Patients.

As per decision of the Govt. of Bihar, 100 seats Medical College has been established for imparting teaching and training in Under Graduate course.

Indira Gandhi Institute of Medical Sciences an autonomous Institute of the State of Bihar was established by I.G.I.M.S. Act: 1984. The preamble of the I.G.I.M.S. Act, 84 are as follows:-

“ To establish an Institute in the State of Bihar with view to develop clinical services in super specialties of the highest standard, a system of supportive supervision and continued education for the medical and health functionaries and to promote services, research and education in the field of Community Medicine and allied subjects.”

II. AIMS & OBJECTS OF THE INSTITUTE

The Relevant provisions of the IGIMS Act 1984 pertaining to the objects of the Institute are reproduced below:

“The objects of the Institute shall be:-

- (1) To develop an apex centre for delivery of health and medical care of highest standard;
- (2) To train specialists of high order in different branches of medical science;
- (3) To improve the health services, in the State through appropriate linkages and referral system with Medical Colleges , District and Sub divisional hospitals;
- (4) To develop the continued education Programme and award degrees, diplomas, certificates and postgraduate degrees;
- (5) To develop clinical research centre for conducting investigation on the problems of human health and diseases peculiar to and prevalent in this part of the country;
- (6) To develop Community Health Research Center to study and find out solutions to the problems of health of the community with particular emphasis on reproductive biology and population control; and
- (7) To develop research and training in basic sciences relevant to the problems and needs of the community.

INSTITUTE OF EXCELLENCE:

The Relevant provisions (Clause 6) of the IGIMS Act 1984 declaring the Indira Gandhi Institute of Medical Sciences as an Institute of Excellence is reproduced below:-

“Declaration of Institute as an Institute of Excellence- It is hereby declared that the Indira Gandhi Institute of Medical Sciences shall be an Institute of Excellence.”

LOCATION AND JURISDICTION OF THE INSTITUTE:

Clause 4 (iii) of the IGIMS Act 1984 pertaining to location and jurisdiction of the Institute is reproduced below:

“The Institute shall be located in Patna. Its jurisdiction shall extend to the whole of State of Bihar.”

DOCTOR OF PHILOSOPHY (Ph.D) PROGRAMME AT IGIMS, PATNA

NUMBER OF SEATS: –

Course	Subjects	Eligibility	No. of Seat
Ph.D Course	Microbiology	(Microbiology (M.Sc.)/ Life Sciences (M.Sc)/ Biochemistry (M.Sc.)/ Biotechnology (M.Sc/ M.Tech.) Master of Surgery of Doctor of Medicine or an equivalent degree of Diploma of the National Board of Examinations. A Degree of Bachelor of Medicine and Bachelor of Surgery (MBBS) with a minimum of 55% of the aggregate marks in the professional examinations.	02 (Two)
	Biochemistry	M.Sc. Medical Biochemistry, M.Sc. Biochemistry, M.Sc. Biotechnology, M.Sc. Biomedical Sciences, MD Biochemistry, MD Medical Biochemistry, M Biotechnology, M.Sc Genetics, M.Sc. Biosciences, M.Sc. Neurosciences, M.Sc. Neurobiology, M.Sc. Biological Sciences	04 (Four)
	Pharmacology	MBBS/ BDS/ MD/ MD Pharmacology, M.Sc Pharmacology, Master of Pharmacology, MVSc Pharmacology, M.Sc Life Sciences.	01 (One)
	Physiology	M.Sc in Life Sciences, MBBS, MD Physiology, M.Sc. Physiology, MBBS, BDS, M.Sc Nursing, M.Sc Zoology, M.Sc. Neurosciences, M.Sc Cognitive Sciences, minimum 55% aggregate marks.	02 (Two)
	Psychiatry	MBBS M. Phil (Clinical Psychology) M. Phil in any discipline of Social Sciences.	01 (One)
	Surgical Gastroenterology (G.I.Surgery)	MS in General surgery with 03 years residency	02 (Two)
	Community Medicine	Master's Degree in relevant field which includes Public health, Medicine. Social Sciences and allied subject in which he/she wishes to	

		<p>pursue research with at least 55% or equivalent grade from any University in India. Any foreign university / higher education institute recognized by UGC and with equivalent grade, Bachelor Degree where the total duration of education and training is equivalent to Master's degree (at least 5 year's duration), e. g MBBS, BDS, etc. will be considered eligible provided they have relevant work experience in Health / Development/ Hospital/ Allied sector for more than 1 year. Candidate who fulfill essential qualification as stated above and if they are working an extramural project funded by Government / UN agencies as JRF/ SRF Research Assistant. The enrolment should be done within one year of start of the project and the total project duration should be of at least 3 years, but will not be eligible for any fellowship or contingency from the institute at any time.</p>	02 (Two)
	Ophthalmology	<p>The candidate must have a degree of Master of Science in a subject allied to Bio-Medical Sciences or a Professional degree such as MS. They must have obtained a minimum of 55% aggregate marks in or its equivalent grade as per UGC guidelines.</p>	02 (Two)
	Nephrology	<p>Medical qualifications: MBBS/BDS with minimus 55% aggregate marks or MD/MS/MDS/DM/ M.Ch in the subject concerned or Diplomat of National Board of Examination. Candidates who have obtained any of these degrees from medical colleges which are not recognized by the medical council of India shall not be eligible to apply.</p> <p>Non- Medical: For non medical candidate's eligibility shall be Master's Degree in bio medical sciences awarded by Indian Universities or equivalent in the</p>	02 (Two)

		<p>subject as per requirement of the project.</p> <p>Candidates having eligibility under non-medical category should have at least 60% marks in the last eligibility examination qualified.</p> <p>Candidate possessing Master's Degree through distant learning course shall not be eligible.</p>	
	Obst. & Gyane	MD Anatomy, Physiology, Pharmacology or any MBBS subject. MD/MS Obstetric & Gynecology & DM Genetics.	01 (One)
	Forensic Medicine	MD FMT, M.Sc Life Sciences, M.Sc Biology, M.Sc Biotechnology, M.Sc Biophysics, M.Sc biochemistry.	02 (Two)
	Neurophysiology (Dept. of Neurology)	(a) M. Phil in Neuroscience/ Neurophysiology/ M.Sc Physiology/ Biochemistry/ Anatomy/ Neuroscience/ Life Science/ Biotechnology Zoology/ Master in Physiotherapy with at least 60% marks. (b) MBBS/ MD in physiology degree with a minimum of 55 % aggregate marks.	02 (Two)
	Gastroentrology	Master's Degree in Biological Sciences such a Biochemistry, Biotechnology, Life Sciences, Zoology, Microbiology or a Professional degree such as MBBS Degree in Medical or Dental Sciences. M. Tech, M. Pharma or other degrees. 55% aggregate marks in or its equivalent grade as per UGC guidelines.	02 (Two)
	Cardiology	Master's Degree in Biological Sciences such a Biochemistry, Biotechnology, Life Sciences, Zoology, Microbiology or a Professional degree such as MBBS Degree in Medical or Dental Sciences. M. Tech, M. Pharma or other degrees. 55% aggregate marks in or its	02 (Two)

		equivalent grade as per UGC guidelines.	
	Reproductive Biology (Dept. of Reproductive Medicine)	MBBS/BDS with 55% MD/MS/ DM/M.Ch in the subject concerned form the Institute recognized by the MCI. Non-Medical background (M.Tech/BAMS/M.Sc) have to score at least 60% aggregate in the last qualifying examination	01 (One)
	Urology	MS in General Surgery with Three years Senior Residency	02 (Two)
	Paediatrics	<ul style="list-style-type: none"> - Medical qualifications: - MBBS with minimum 55% aggregate marks or MD in the subject concerned or Diplomate of National Board of Examination. - Non Medical Candidate:- Master's Degree in Bio medical sciences awarded by Indian University or equivalent in the subject as per requirement of the project. - Candidates having eligibility under non-medical category should have at least 60% Marks in the last eligibility examination qualified. 	01 (One)
	Gynaecological Oncology	<ul style="list-style-type: none"> - Medical qualifications: - MBBS with minimum 55% aggregate marks or MD/MS/DNB/M.Ch in any discipline. Candidates who have obtained any of these degrees from medical colleges which are not recognized by the Medical Council of India shall not be eligible to apply. - Non Medical Candidate:- For non –medical candidate's eligibility shall be Master's Degree (two year's course) awarded by Indian Universities or equivalent. - Candidates holding M.Sc and M.Tech. degree will be eligible for the Non-Medical Qualification Category. Candidate having eligibility under non-medical category should have at least 60% 	01 (One)

		marks in the last eligibility examination qualified.	
	Radiation Oncology	<p>- Medical qualifications: - MBBS with minimum 55% aggregate marks or MD in the subject concerned or Diplomate of National Board of Examination. Candidates who have obtained any of these degrees from medical colleges which are not recognized by the Medical Council of India shall not be eligible to apply.</p> <p>- Non Medical Candidate:-</p> <p>a For non-medical candidates, eligibility shall be a Master's Degree (two-year course) awarded by Indian Universities or equivalent in the subject.</p> <p>b Candidates holding M.Sc. (Other than M.Sc. Nursing), M.Sc. in Nuclear Medicine, M.Tech., BAMS & BHMS will be eligible for the Non-Medical Qualification Category.</p> <p>c Candidates holding M.Sc. (Physics) & Post M.Sc. Diploma in Radiological Physics (Dip. R.P) or; Post. M.Sc. Diploma in Medical Physics (Dip. M.P.) from the Competent Authority; from a recognized University/ Institution.</p> <p>d Post Graduate Degreee in Medical Physics (M.Sc (Med. Phys.), based on the minimum course content on radiation safety prescribed by the Competent Authority; from a recognized University / Institution.</p> <p>e Candidates having eligibility under the non-medical category should have at least 60% marks in the last eligibility examination qualified.</p>	01 (One)

(I) **Regarding In-Service Candidate:** IGIMS, Patna rule will be followed.

This document lists the rules and regulation for the Ph. D programme at the IGIMS, (An Autonomous Institute of Government of Bihar & Statutory University Created by an Act of State Legislature and recognised by UGC). Patna These can be reviewed and modified from time to time in the Interest of the Programme. Any department that is recognized for undergraduate/post graduate training programme by Medical Council of India and is equipped to carry out research work and has prior approval from the competent authority of IGIMS, Patna to start Ph. D. course will be eligible to register a Ph. D. candidate under a IGIMS faculty (possessing the requisite qualification & experience to become guide as per rules.) who will guide the work in any basic and/or clinical sciences.

Designation of the Degree

The Ph. D degree awarded by the Institute shall be designated as Doctor of Philosophy of the Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna. The certificate shall not indicate the subject or speciality. The title of the thesis shall be indicated in the certificate.

For External Candidates In Permanent Employment:-

NOTE: Candidates working under Central Govt. /Semi Govt. / Autonomous organization should submit their applications through proper channel i.e. through the employer. They will be required to submit a 'No Objection Certificate' from their employer before they are allowed to join the Ph.D Course.

Duration of the Course

The duration of the course will be the time period from registration to submission of thesis. The minimum period of registration in respect of all the candidates who are registered for Ph. D shall be three years. The maximum period of registration shall not exceed five years. This course is full time only.

Note:- The minimum duration for candidates with M Phil qualification (in addition to postgraduate qualification; shall be subjected to pursuant in similar topic), shall be: 2 years on full time basis.

Stipend / Financial Aid:- IGIMS will not provide any stipend or financial aid to candidates persuing Ph.D Courses except its faculty / Lab and Hospital will be utilized for research during Ph.D Course.

METHOD OF SELECTION

The selection of the candidates will be made through a 2-stages performance evaluation as under:-

Stage I:-

Written Test in the subject the candidate has applied for. The question paper will consist of theory based Multiple-Choice Questions (MCQ's) and Clinical / Practical/ Lab based Short Answer Questions (SAQs) & MCQs. **More than one answer will be treated as wrong answer. Zero mark will be given for questions not answered.**

A. Distribution of Marks :-

- | | | | | |
|-------|-----------------------------|---|------------------|------------------------|
| (i) | 50 MCQ of One Marks each | = | 50 Marks | |
| (ii) | 06 SAQ of Five Marks each | = | 6 x 5 = 30 Marks | |
| (iii) | Department Assesment / Viva | = | 20 Marks | Total Marks 100 |

B. Duration of Written Examination : 02 hrs.

Stage II:-

Out of the candidates who secure 50% marks or above in the written test (Stage-I), candidates 3 times the number of seats advertised will be called for Departmental Clinical /Practical / Lab based Assessment on the notified date.

NOTE:

- I. The result of Stage-I will be displayed on the Notice Board of Examination Section/ Website of IGIMS, Patna. No individual intimidation will be sent.
- II. Candidates who fail to attend any of the two stages mentioned above will not be eligible for admission.

FEES:-

A. Application fee Rs. 1000/- to be submitted with application form by Demand Draft in Favour of Director , IGIMS, Patna, Payable at Patna.

B. To be deposited at the time of provisional admission.

- | | | |
|---------------------|---|------------------------|
| 1. Registration fee | : | Rs.1,000/- (One Time) |
| 2. Tuition fee | : | Rs 10,000/- Per Year |
| 3. Laboratory fee | : | Rs. 2500/- Per Year |

4. Pot fund : Rs. 1500/- (One Time)
5. Caution money : Rs.5000/- to be deposited by every student for the recovery of breakages or loss of Institute equipment.

Total Rs.20,000/- (Rupees Twenty Thousand Only)

1. LEAVE AND OTHER RULES FOR Ph.D COURSES

The Ph. D students are entitled for 30 days leave every year. If leave is extended in a year then the extended period is treated as Extra Ordinary Leave and his/her minimum registration will be extended to the extent.

However, extraordinary leave cannot be more than 3 months in the entire registration period of 5 years. Any such extension beyond 3 months shall lead to the registration being cancelled. The female candidates shall be entitled for maternity leave etc as per existing rules.

In case the Chief Guide recommends a candidate for specific training or project related work outside IGIMS (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 done shall be required to be submitted to the Dean, by the candidate through the chief guide.

2. FORMATION OF DOCTORAL COMMITTEE

Within three months of the candidate's registration, the Chief Supervisor, shall convene a meeting of the Faculty of the department to recommend to the Dean, a panel of Doctoral Committee for the candidate. During this period of three months it is expected that the candidate shall familiarise with the research projects being conducted in the Department. He/she shall be invited in the meeting to submit to the Faculty of the Department his/ her proposal(s) for the project(s). The Doctoral Committee shall include the Chief Supervisor, who will be chairman of the committee the Head of the Department, one or more Co Supervisor(s) and any other member(s) of the Faculty or postdoctoral research staff of any department of the Institute/and or of other teaching/research institutions located in State of Bihar.

3. The change of research project / Supervisor(s) may be permitted to a candidate provided it is recommended by the Doctoral Committee of the candidate concerned and approved by the Dean. Such changes shall be allowed preferably within the first six months of registration but under no circumstance later than one year after the date of registration.

4. APPOINTMENT OF GUIDE AND CO-GUIDE

- (a) Any member of the Faculty who are in permanent position at IGIMS for a minimum period of 3 years, can be designated as Chief Guide and a minimum of 5 years experience for non medical persons.
- (b) Those with less than 3 years service remaining should not be made Chief Guide.
- (c) The Chief Guide and Co-Guide(s) shall not be closely related to the candidate.

- (d) At least one Co-Guide should be from the Department where the candidate is registered for Ph.D. The Chief Guide and at least one of the Co-Guide(s) shall be able to take over each other's responsibilities in the event of protracted absence of any one of them from the Institute. In the event of Chief guide proceeding on protracted leave, the co-guide will be re-designated as chief guide and another co-guide will be appointed from the department..

5. RESIDENTIAL FACILITIES

If available they will be allotted residential accommodation in the Institute as per Institute rule.

6. SUBMISSION OF THESIS PROTOCOL

- (a) After the Doctoral Committee has been appointed by the Dean, the candidate shall prepare a detailed protocol underlining his proposed research plan clearly stating objectives and methodology to be employed. The protocol should also contain a brief formulation of the experimental design & the advice of a competent biostatistician should invariably be obtained.
- (b) Protocol shall be submitted to the Doctoral Committee, together with the faculty of the department within 6 months of the formation of Doctoral Committee (but no later than 9 months from the date of registration). The Doctoral Committee together with faculty of the department will recommend the feasibility of the proposed research plan recommending such modification as they seem fit for further approval by Dean.
- (c) The Dean may grant extension by another 3 months from submission of thesis protocol. The registration for Ph.D of those candidates who do not submit the thesis protocol within one year will stand cancelled.

7. ASSESSMENT OF THE WORK OF THE CANDIDATES

- (a) The progress of the candidate's work shall be periodically assessed by the Doctoral Committee and a report regarding the same shall be submitted to the Dean through the Chief guide at the end of every 6 months. The grading of the candidate shall be done as Excellent/ good/ satisfactory/ poor. Any grading less than good is not acceptable. In case report of DC is below the accepted standard of good for two consecutive times the candidate will be given a warning and in case further DC reports mention the same grading the registration of such candidates will be cancelled.
- (b) The Dean shall convey the candidate about the assessment report in writing (Excellent/ good/ Satisfactory, Poor), and should also, advise the candidate about his/ her shortcomings.
- (c) In case during the registration period, in any two consecutive reports submitted by the Doctoral to the Dean it is mentioned that the candidate is incapable of continuing the work of the desired standard, the Dean may then warn the candidate and give one more chance to improve his work during the next six months. In case at the end of this period, the work of the candidate is still unsatisfactory, his/ her registration shall be cancelled by the Dean.

8. THESIS AND EXAMINATION

(a) No candidate will be allowed to be submitted without the approval of the Doctoral Committee. The final Doctoral committee meeting should be held at least 6 months before the end (of the maximum registration period 5 years or as the case may be) and once satisfied, the committee will grant writing permission the candidate. The same will be informed to the Dean in the DC report which should include a brief resume of the work done.

Candidate must submit thesis within 6 months of grant of permission to write thesis by 6 months. However extension for maximum upto 3 months can be given by the Dean on the recommendation of chief guide mentioning justifiable reasons.

(b) For the award of degree of Doctor of Philosophy the candidate shall submit four copies of his thesis along with soft copy in CD/DVD not earlier than prescribed minimum period of 3 years and no later than the maximum period of registration (5 years or above as the case may be). The thesis shall be certified by both the Guide and by the Co-Guide(s) before its submission. No extension for this period will be granted under any circumstances.

(c) The chief guide in consultation with the Doctoral committee shall submit a panel of examiners at the time of submission of the final Doctoral Committee report that is at least six months before the expected date of submission of the thesis (end of registration period). The panel shall include eight examiners (of whom up to three may be from abroad). The examiners, on the basis of their published work, should be acknowledged leaders in the field of study undertaken by the candidate. A reminder for the submission of such a panel will be sent by the academic section at least 9 months prior to the date of end of registration, so that this may be discussed during the final Doctoral committee meeting.

(d) A board of four examiners shall be appointed by the Prof. I/C Examination with approval of competent Authority for assessment of the thesis. One of them shall be the Chief Guide of the candidate, who shall act as co-coordinator and internal examiner. The other three will be external examiners from the panel of examiners as above. In cases where the panel included members from abroad, one of the four examiners selected can be from abroad. However appointment of examiner's from abroad may not be necessary.

(e) The examiners (including the foreign examiner) shall submit the evaluation report within the period of three months of receipt of thesis.

(f) The foreign examiner may be requested to send some questions to be put to the candidate at the time viva voce examination to seek clarifications. These comments shall be made available to the examiners appointed for conducting the viva voce examination before the commencement of the viva voce examination.

(g) After the thesis has been approved by the external and internal examiners, a public defence of the thesis will be held, as well as the viva voce examination to adjudge the general proficiency of the candidate in the subject (s) allied to the candidate field of work.

(h) Candidate shall be allowed to appear in public defence/ viva voce only after having 1 (one) publication in reviewed journal and 02 (Two) presentations in conferences paper.

(i) There shall be a public defence of the thesis by the candidate. The topic, date and the time of the defence of thesis shall be announced by the Examination Section well in advance so that the Faculty members and others interested in the topic of the thesis can be present. At the viva voce examination, the candidate's general proficiency in the subjects allied to the field of his study shall also be evaluated. Those attending the public defence who are not members of the board of examiners, can also participate by asking relevant questions. The board of examiners shall take into consideration the views and criticism if any, of the Faculty members and others participating in the public defence of thesis. However, the result of the examination shall be decided solely by the members of the board of examiners.

(j) The Public Defence Viva shall be conducted within three months of receipt of examiner's evaluation report. This viva voce examination and the public defence should be within the 6 months from the completion of registration period.

(k) The candidate shall be entitled to appear at the defense of thesis viva voce examination only if the thesis is unanimously approved by the Board of Examiners for the thesis. The Public Defence Viva shall be conducted within three months of receipt of examiners's evaluation report. This viva voce examination and the public defence should be within the 6 months from the completion of registration period.

(l) If one or more examiner recommends re-submission of the thesis after modification it shall be done within a maximum period of 3 months (6 months in case some new experiment is recommended) from the date on which the candidate is so informed by the Dean.

(m) In the event of non-availability of one of the external examiners who examined the thesis, another examiners from amongst the panel be called for the viva voce examination at the discretion of the Dean.

9. RESULT

(a) The candidate shall be declared eligible for the award of the Degree of Doctor of Philosophy only on the unanimous recommendations of the members of the Board of Examiners at the viva voce examination.

(b) In case the examiners are not satisfied with the performance of the candidate in the above examination, the candidate shall be required to reappear for another viva voce examination after a period of two months provided such specific recommendation is made by the Board of Examiners.

RULES FOR ADMISSION FOR IN SERVICE CANDIDATES

(a). Medical Candidate:-

1. Candidates having fellowship approved in their name only by Government Organization(s) are eligible to apply for this seat. Self Sponsored Candidate/ Candidate with fellowship from Private Organization(s) are not eligible. No financial commitment of any kind will be on the part of IGIMS, Patna for these seats during entire duration of Ph.D Registration. .
2. Members of the medical faculty can apply for registration to Ph.D course as in-service candidate. He/She will be exempted from appearing in the entrance examination.
3. The individual should be a regular employee of the Institute and should have rendered a minimum of two years of continuous service at the Institute.
4. The individual should have minimum of 5 years of active service left in the Institute at the time of application.
5. The medical faculty member should have at least 3 original research publications (not case reports) during the last three years immediately preceding the date of his /her application either as a first author or as a communicating author in a peer reviewed journal.
6. The candidate will be considered as in-service candidate provided that the Head of the Department should certify that the work of the department will not suffer and no additional staff will be asked for.
7. The candidate seeking admission under this category will have to identify a faculty member in the same department (senior to the candidate) who is willing to be the chief-guide of the candidate. The candidate should submit a letter of acceptance/ undertaking from the concerned faculty member in this regard.
8. Each case will be considered by a specially constituted adhoc committee comprising of :
 - Dean (Academic) - Chairman
 - Dean (Research)
 - Head of the department of the parent department where the candidate wishes to register for the Ph.D.
 - The faculty member who has consented to be the chief- guide of the candidate.
 - Two nominees of Dean from other related departments.
 - Associate Dean (A) & Registrar – Member Secretary
9. One out of a total of five faculty members in a particular department can be registered as Ph.D. candidates and not more than three candidates at given time should be registered as Ph.D candidates in a particular department.
10. The candidate seeking admission under this category will only be registered for Ph.D in the same department in which he/she is working.

11. These guidelines will not be applicable to other staff member employed under various research schemes which are of tenure basis.

12. The medical faculty member who has registered himself /herself as Ph. D candidate will not be eligible to be guide/co-guide of any other Ph. D candidate in the concerned department till he/she completes the Ph.D. However, he/she will continue to be guide/co-guide for MD/MS/MDS/DM/M.Ch candidates.

13. Senior Demonstrators in pre & para-clinical departments will be eligible for Ph.D registration . However, they have to appear as an open candidate in the entrance examination.

14. If the faculty member registering for Ph.D is already a Chief guide to other Ph.D. candidates, he/she should surrender the guideship to the co-guide before taking up the Ph.D. registration for himself/herself.

(b). Non Medical Candidate:-

1. The individual should be a regular employee of the Institute and should have rendered a minimum of five years of continuous service at the Institute.
2. He/ She should fulfill all the eligibility criteria for the Ph.D. course, and will appear in the entrance examination and must score minimum of 50% marks.
3. The individual should have 5 years of active service remaining in the Institute.
4. The candidate should have a proven track record of active involvement in research/ academic activities of the department. He/she should possess good written and verbal communication skills in English language to be certified by HOD/ Chief of Center.
5. The candidate should have at least 3 original research publications (not case reports) during the last three years immediately preceding the date of his/her application either as a first author or as a communicating author in a peer reviewed journal.
6. The candidate will be considered as in-service candidate provided that the Head of the Department should certify that the work of the department will not suffer and no additional staff will be asked for.
7. The candidate seeking admission under this category will have to identify a faculty member in the Institute who willing be the chiefguide of the candidate. The candidate should submit a letter of acceptance/ undertaking from the concerned faculty member in this regard.
8. Non Medical candidate, who want to get enrollment in Ph.D Programme, would have to submit application, face Entrance examinations, Interview and complete all other procedure in the prospectus.

HOW TO APPLY

Direction for filling-up forms:-

- The application should be sent only in the prescribed form supplied along with the prospectus / downloaded by website of the Institute.
- The Application form should be duly filled in by the applicant in his/her own handwriting.
- A Demand Draft of Rs. 1000/- in favour of Director, IGIMS, Patna, Payable at Patna.

Course applied will be noted on the envelope of application.

“ Ph.D Entrance Examination, for Name of Department - July -2023”

d. Attach Self Attested copies of all the documents

High School Marksheet & Certificate
Intermediate Marksheet & Certificate
Graduation Marksheet All Semester / Years & Certificate
Master Degree Marksheet All Semester / Years & Certificate
Expeience Certificate if available

Application form and forwarded to the office of Controller of Examinations, Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna – 800 014 by Registered/Speed Post Only

PHOTOGRAPH:

- Four Nos. of recent passport size photographs are required. Photograph is to be pasted on Application Form & Admit Card.
- Photograph must have been taken with name of the candidate and date of photograph. Name and date on the photograph must be clear.

**Passport Size
Photograph**

**Name of Candidte
Date of Photograph**

- Polaroid Photographs are not acceptable.
- Photograph must be taken on or after **publication of advertisement.**
- Photograph should not have cap, or goggles etc. Spectacles are allowed.
- Photograph should be pasted (Not stapled) on Application Form.
- The photograph on the Application Form should be attested.
- Application not complying with these instructions or with unclear photograph will be rejected.
- Keep a few copies of same Photographs in reserve for use at the time of Entrance Examination/Admission.

SUBMISSION OF APPLICATION FORM

Completed application may be submitted with in the enclosed cover superscribed "Post-Doctoral Entrance Examination, for Academic Session July -2023" to the Controller of Examinations, Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna-800 014 (Bihar) by Speed Post/Registered Post/ Courier so as to reach on or before the date and time specified under 'AT A GLANCE' on the inner side of front cover of this prospectus. Incomplete application will be rejected and no communication in this regard will be entertained. The application fee is not refundable. The Institute will not be responsible for any delay in the receipt or loss of the application in postal transit and no correspondence in this regard shall be entertained.

SUBMISSION OF APPLICATION BY CANDIDATES WHO ARE EMPLOYED

The Candidates who are employed with Government/ Semi Government organization should get a no objection certificate from their employer before applying for the course.

GENERAL INSTRUCTIONS

Incomplete applications and those received late will be rejected and no correspondence would be entertained in this regard. Candidates are advised to dispatch the filled up application form well in advance to ensure that filled up form reach in time. Applications received after due date shall be summarily rejected. Postal delay shall not be ground for consideration of applications received after due date.

Admit Cards of all the eligible candidates will be uploaded on the Institute website: www.igims.org .

Candidates are required to download and print their admit card from the institute website and paste a self attested copy of same of photograph at the space provided for which was submitted with application form.

In the case of SC/ST/BC candidate's caste certificate duly issued by the Circile Officer/ SDO (in original) will have to be submitted for verification at the time of counselling for admission.

Original certificate should not be sent with the application. Except self attested photo copies of all document & Demand Draft in Original. These should be produced at the time of counseling and as and when asked by the Institute.

Candidates are warned that they should not furnish any particulars that are false or suppress any information in filling up the application form. Candidates are also warned that they should in no case correct or alter or otherwise tamper with any entry in a document or its attested/certificate copy submitted by them nor should they submit a tampered/ fabricated document.

ADMISSION:

All eligible successful candidates will be given offer to submit their project with details of fund and funding agency and admission will be granted on first come first serve basis within six months from declaration of result.

The fees and other charges once paid shall not be refunded even if a student leaves the Institute/course for any reason. After taking admission no correspondence in this regard shall be entertained. However, Caution money submitted by the candidate will be refunded "on submission of No Dues Certificate" after completion of course/ quitting from the course.

LEGAL JURISDICTION

Any Litigation regarding course/ admission test of Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna will come under the Jurisdiction at Patna only.

HOSTEL ACCOMMODATION

Hostel accommodation being provided to the students shall be provided subject to availability. The rent & electricity charges shall be payable as per Institute rule applicable for Senior Residents accommodation.

INSTITUTE LIBRARY

The Institute Library is well stocked with all important Medical Books and journals. Other facilities like photocopying, Internet etc. are also available. Books & periodicals are loaned to bonafide members as per rule.

CODE OF CONDUCT FOR STUDENTS AT IGIMS, SHEIKHPURA, PATNA

A. Maintenance of Discipline among students of the IGIMS:

- (i) All powers relating to discipline and disciplinary action are vested with the Director.
- (ii) The Director may delegate all such powers, as he/she deems proper to the Dean and to such other persons as he/she may specify on his behalf.
- (iii) Without prejudice to the generality of power to enforce discipline under the Rules. The following shall amount to acts of gross indiscipline:-
 - Physical assault or threat to use physical force against any member of the teaching or non teaching staff of any Department/Centre of IGIMS or any other persons within the premises /Campus of IGIMS.
 - Carrying or use or threat of use of any weapon.
 - Violation of the status, dignity and honour of students belonging to the Scheduled Casts. Scheduled Tribes and other Backward castes.
 - Any practice, whether verbal or otherwise, derogatory to women.
 - Any attempt at bribing or corruption in any manner.
 - Willful destruction of Institutional property.
 - Creating ill-will or intolerance on religious or communal grounds.
 - Causing disruption in any manner of the functioning of the IGIMS, Sheikhpura, Patna.

B. Regarding ragging the directive of Supreme Court will be followed strictly. It is as under:

“As per direction of the Hon’ble Supreme Court of India, the Government has banned ragging completely in any form inside and outside of the campus and the Institute authorities are determined not to allow any form of ragging.

Whoever directly or indirectly commits, participates in abets or instigates ragging within or outside any educational Institution, shall be suspended, expelled or rusticated from the Institution and shall also be liable to fine which may extend to Rs. 10,000/-. The punishment may also include cancellation of admission suspension from attending the classes, withholding/withdrawing fellowship/scholarship and other financial benefits, withholding or canceling the result. The decision shall be taken by the Head of the Institution”.

Without prejudice to the generality of his/her powers relating to the maintenance of discipline and taking such action in the interest of maintaining discipline as may seem to him/her appropriate. The Director, may in exercise of his/her powers aforesaid order or direct that any student or students:

- ❖ Be expelled.
- ❖ Be, for a stated period: be not for a stated period, admitted to a course or courses of study in IGIMS.
- ❖ Be fined with a sum of rupees that may be specified.
- ❖ Be debarred from taking any examination(s) for one or more semesters.
- ❖ Withhold the result of the student(s) concerned in the Examination(s) in which he/she or they have appeared be cancelled.
- ❖ Be prohibited for appearing or completing any examination for any unfair means like copying taking notes, mobiles or any other electronic gadgets inside the examination halls.

At the time of admission, every student shall be required to sign a declaration that on admission he/she submits himself/herself to the disciplinary jurisdiction of the Director and several authorities of the IGIMS who may be vested with the authority to exercise discipline under the Acts, the Statutes, the Rules and the rules that have been framed there under by competent authorities of IGIMS.

C. Prohibition of and Punishment for Ragging:-

- ✓ Ragging in any form is strictly prohibited, within the premises of College/Department of Institution and any part of IGIMS and also outside the IGIMS campus.
- ✓ Any individual or collective act or practice or ragging constitute gross indiscipline shall be dealt with under this rules.
- ✓ Ragging for the Purposes of this rules, ordinarily means any act, conduct or practice by which dominant power or status of senior students is brought to bear on students freshly enrolled or students who are, in any way, considered junior or inferior by other students and includes individual or collective acts or practice which:
 - Involve physical assault or threat or use of physical force.
 - Violate the status, dignity and honour of women students.
 - Violate the status; dignity and honour of students belonging to the Scheduled Castes, Scheduled Tribes and Other Backward castes.
 - Expose students to ridicule and contempt and affect their self-esteem.
 - Entail verbal abuse and aggression, indecent gesture and absence behavior.

- ✓ The Director, Dean, Hostel Superintendent and Faculty of IGIMS shall take immediate action on any information of the occurrence of ragging.
- ✓ Notwithstanding anything in Clause (4) above, the Dean or any other Faculty member/or authority may also suo moto enquire into any incident of ragging and make a report to the Director of the identity of those who have engaged and the nature of the incident.
- ✓ The Dean may also submit an initial report establishing the identity of the perpetrators of ragging and the nature of the ragging incident.
- ✓ On the receipt of a report under clause (5) or (6) or a determination by the relevant authority disclosing the occurrence or ragging incidents described in the Clause 3(a), (b) and (c) the Director shall direct or order rustication of a student or students for a specific number of semester.
- ✓ The Director may in other cases of ragging order or direct that any student or students be expelled or be not, for a stated period, admitted to a course of study as IGIMS, departmental examination for one or more semesters or that the result of the student or students concerned in the examination(s) in which they appeared be cancelled.
- ✓ In case where students who have obtained degree(s) of IGIMS are found guilty under this Rules, appropriate action will be taken for withdrawal of degrees conferred by the IGIMS.
- ✓ For the Purpose of this Rules, abetment to ragging will also amount to ragging.

➤ **Anti Sexual Harassment Monitoring Committee:**

A statutory committee, comprising of members from the teaching and non-teaching staff as well as students looks into matters related to sexual harassment of students and staff in the college. Any person aggrieved in this matter may fearlessly approach the committee for a fair and concerned hearing and redressal.

➤ **Unauthorized Absence of Students:**

Unauthorized 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, IGIMS.

➤ **Undertaking:-**

All the candidates admitted to the course shall have to give an undertaking at the time of admission that he/she has not been involved in any kind of criminal and unlawful activities in the past.

IF DISCREPANCY IN APPLICATION NUMBER:- Not Applicable

Candidates are directed to ensure that the application form number mentioned on the Prospectus and Application Form are the same. Discrepancy, if any, in these or in the date and time of the entrance examination mentioned in the Prospectus, Admit Card etc. should be immediately brought to the notice of the Controller of Examinations IGIMS complaints received after the examinations will not be entertained. However, application form number mentioned on the application form will be considered as final number for further correspondence purposes. In case any discrepancy is found in the information provided in the various documents, the date provided on the application form will be considered as final for all purposes.

It will be the responsibility of the candidate to ensure that correct address in the Application Form is filled. The Institute shall not be responsible for any loss in transit or incorrect address given by the applicant on the Application Form or non-receipt for any reasons.

- ❖ Change, if any, in the address should be immediately intimated to this office. Candidate should also ensure that any communication sent at the previous address is redirected to him/her at the new address.
- ❖ If a candidate is at any stage found to have provided false information/ certificate or is found to have withheld or concealed some information in his/her application form, he/she will be debarred from admission, his/her residency will be terminated with immediate effect.
- ❖ If ineligibility is detected at any stage, candidature/admission of the candidate will be cancelled without any notice.
- ❖ Candidate must not obtain or give or attempt to obtain or give irregular assistance of any kind during the examination; this will entail expulsion and cancellation of candidature for the examination.
- ❖ The Institute will not intimate the individual unsuccessful candidates regarding the result of Entrance Test. No correspondence in this regard will be entertained. However, the marks of individual candidate will be available on IGIMS website on completion of the admission process.
- ❖ There is no provision for re-checking/ reevaluation of the answer sheets and no query in this regard will be entertained.
- ❖ No individual intimation to unsuccessful candidates in the entrance test will be sent and no correspondence on this subject will be entertained.
- ❖ The decision of the Director of the Institute shall be final in the matter of selection of candidates for admission to various courses and no appeal will be entertained in this regard.
- ❖ Selected candidates must join the course on the date stipulated in the letter of selection, failing which the selection/admission shall stand cancelled/withdrawn.
- ❖ The selected candidates will have to submit the original Permanent Registration Certificate at the time of joining.
- ❖ The selection of students will be subject to medical fitness. No selected candidate will be permitted to pay fee/ join the course unless declared medically fit by the Medical Board appointed by the Institute. The decision of the Medical Board shall be final.
- ❖ Each candidate selected for admission shall have to pay the fee/dues within the prescribed period failing which his/her admission shall be cancelled.
- ❖ Private practice in any form during the course is prohibited. The period of training is strictly full time and continuous.
- ❖ The rules are subject to change in accordance with the decision of the Institute taken from time to time.
- ❖ Any dispute in regard to any matter referred to herein shall be subject to the jurisdiction of Patna Court alone.



INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA-14.

APPLICATION FORM (Doctor of Philosophy (Ph.D Programme) July - 2023

(To be filled in Capital Letters)

1. Name of the Course/Department :
2. Name of the Candidate:
3. Father's/Husband's Name:.....
4. Sex: Male/Female:.....
5. Date of Birth:

d	d

m	m

y	y	y	y

In Words:.....

6. Nationality
7. DD No. Bank Name: Amount : Date:
8. Marital Status: Unmarried/Married/Widow/Divorcee
9. Category :UR/EWS/BC/MBC/SC/ST

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10. Permanent Address:-

11. Correspondence Address :-.....

Mobile No..... E-mail Id.....
Adhar Card/ Voter ID/ Pan Card No. :

EDUCATIONAL QUALIFICATION:

Exam. Passed	University/ Board	Year of Passing	Subject	Aggregate Percentage of Marks	Division

12. Employment details :

Name of Organisation :

Designations :

Join on :

13. PERMANENT REGISTRATION NUMBER (MCI):

(i)

(ii)

(iii)

14. LIST OF PUBLICATION:

(i)

(ii)

(iii)

15. LIST OF PAPERS PRESENTED AT CONFERENCES:

15. List of Enclosures: (Tick)

1. Admit Card : Provisional & Duplicate Admit Card

2. Application Fee : DD. No. Bank Name Amount
Date

3. High School Marksheet

4. Intermediate Marksheet

5. Graduation: Marksheet All Semester / Years

6. Master Degree : Marksheet All Semester / Years

7. Exeprience Certificate if available

15. DECLARATION:-

I declare that the forgoing information is correct and complete to the best of my knowledge and belief and nothing has been concealed/distorted. If at any time, I am found to have concealed/distorted any material/information, my admission shall be cancelled.

Place:.....

Date:.....

(Full Signature of Candidate)



INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA-14.

PROVISIONAL ADMIT CARD (Doctor of Philosophy (Ph.D Programme) July - 2023)
(Sl. No. 1 to 6 to be filled by Candidate)

1. Name of the Course / Department:

2. Name of the Candidate:

3. Date of Birth: a.

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d d

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m m

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y y y y

b. In Words :.....

4. Correspondence Address :-.....

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5. Adhar Card/ Voter ID/ Pan Card No. :

Affix self
attested
passport size
photograph

Space for affix
photograph
after
downloading
the Admit
Card & Self
Attested

6. FULL SIGNATURE IN HINDI
(Signed at the time of filling of Form)

FULL SIGNATURE IN ENGLISH
(Signed at the time of filling of Form)

Full Signature of Candidate to be done at the time of Examination		Signature of Invigilator
English		
Hindi		

TO BE FILLED BY THE OFFICE

7. Roll No.....

8. Date of Examination.....

9. Venue

10. Time

Controller of Examinations
IGIMS, Patna.



INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA-14.

DUPLICATE ADMIT CARD (Doctor of Philosophy (Ph.D Programme) July - 2023)
(Sl. No. 1 to 6 to be filled by Candidate)

1. Name of the Course / Department :

2. Name of the Candidate:

3. Date of Birth: a.

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y y y y

Affix self
attested
passport size
photograph

In Words :

4. Correspondence Address :-.....

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.....
.....

Space for affix
photograph
after
downloading
the Admit
Card & Self
Attested

5. Adhar Card/ Voter ID/ Pan Card No. :

6. FULL SIGNATURE IN HINDI
(Signed at the time of filling of Form)

FULL SIGNATURE IN ENGLISH
(Signed at the time of filling of Form)

Full Signature of Candidate to be done at the time of Examination		Signature of Invigilator
English		
Hindi		

TO BE FILLED BY THE OFFICE

7. Roll No.....

8. Date of Examination.....

9. Venue

10. Time

Controller of Examinations
IGIMS, Patna.



INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES SHEIKHPURA, PATNA-14.

OFFICE USE ADMIT CARD (Doctor of Philosophy (Ph.D Programme) July - 2023

(Sl. No. 1 to 6 to be filled by Candidate)

1. Name of the Course/ Department:

2. Name of the Candidate:

3. Date of Birth: a.

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m m

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y y y y

Affix self
attested passport
size photograph

In Words :

4. Correspondence Address :-.....

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Space for affix
photograph
after
downloading
the Admit
Card & Self
Attested

5. Adhar Card/ Voter ID/ Pan Card No. :

6. FULL SIGNATURE IN HINDI

(Signed at the time of filling of Form)

FULL SIGNATURE IN ENGLISH

(Signed at the time of filling of Form)

Full Signature of Candidate to be done at the time of Examination		Signature of Invigilator
English		
Hindi		

TO BE FILLED BY THE OFFICE

7. Roll No.....

8. Date of Examination.....

9. Venue

10. Time

**Controller of Examinations
IGIMS, Patna**