



**Indian Institute of Technology  
Kharagpur,  
Kharagpur - 721302**

**Tata Medical Center,  
Rajarhat,  
Kolkata 700 160**



Indian Institute of Technology Kharagpur in collaboration with Tata Medical Center, Kolkata announces Joint M.Sc.-Ph.D. Programs in (a) Molecular Medical Microbiology, (b) Medical Physics\* and (c) Nuclear Medicine\* for the academic year 2018-2019. Degrees will be awarded by IIT Kharagpur. Students will participate in the course work at both IIT Kharagpur and TMC, Kolkata. Meritorious students may get scholarship. Applicants are required to apply using the application form downloaded from the [www.iitkgp.ac.in/jpmm](http://www.iitkgp.ac.in/jpmm) and submitted by post/courier to Coordinator, Joint M.Sc.-Ph.D. Program, School of Medical Science and Technology, Indian Institute of Technology Kharagpur, Kharagpur - 721302. Details of course structure and contents are available at [www.iitkgp.ac.in/jpmm](http://www.iitkgp.ac.in/jpmm)

All M.Sc courses are of two years duration. After completion of M.Sc, eligible candidates may get admission in Ph.D program as per IIT Kharagpur norms. In PhD work students will be involved in the relevant clinico-fundamental and applied medical research in collaboration with medical experts. Medical Physics students could avail one year post M.Sc paid internship at Tata Medical Centre, Kolkata to fulfill essential AERB criteria.

**\* Pending AERB approval**

**Eligibility:**

**Molecular Medical Microbiology**

- Age limit: Minimum 20 years at the time of admission.
- $\geq 60\%$  or equivalent grade/ CGPA at 10th and 10+2 (science) preferably with biology as one of the subjects.
- B.Sc. with any of the following subjects: Microbiology/Chemistry/ Biochemistry/Life Sciences (Physiology/ Zoology/Botany) from a recognized university/ equivalent institute with aggregate score  $\geq 60\%$  or equivalent grade/ CGPA.
- B. Tech Biotechnology with CGPA  $\geq 6.5$  in 10 point scale or equivalent
- MBBS with  $\geq 55\%$  or equivalent
- BDS with  $\geq 60\%$  or equivalent
- Conversion of CGPA into marks will not be accepted if the degree was awarded on the basis of CGPA.
- Admission to Ph.D - As per IIT Kharagpur rules

### **Medical Physics**

- Age limit: Minimum 20 years at the time of admission.
- $\geq 60\%$  or equivalent grade/ CGPA at 10th and 10+2 (science) preferably with biology as one of the subjects.
- B.Sc. with Physics and Mathematics as compulsory subjects from a recognized university with aggregate score of  $\geq 60\%$  or equivalent grade/ CGPA.
- Conversion of CGPA into marks will not be accepted if the degree was awarded on the basis of CGPA.
- Admission to Ph.D - As per IIT Kharagpur rules

### **Nuclear Medicine**

- Age limit: Minimum 20 years at the time of admission.
- $\geq 60\%$  or equivalent grade/ CGPA at 10th and 10+2 (science) preferably with biology as one of the subjects.
- B.Sc. with any of the following subjects: Physics, Chemistry, Life science, B. Pharm., Nuclear Medicine Technology from a recognized university/ equivalent institute with aggregate score  $\geq 60\%$  or equivalent grade/ CGPA.
- Conversion of CGPA into marks will not be accepted if the degree was awarded on the basis of CGPA.
- Admission to Ph.D - As per IIT Kharagpur rules

***Reservation of seats will be as per MHRD norms.***

Proof of having passed the Qualifying Degree with the Minimum Educational Qualifications (MEQ) as specified by the admitting institute should be submitted by September 30, 2018.

### **Application Procedure:**

#### **INSTRUCTIONS TO FILL IN APPLICATION FORM**

**Download application form (Click here)**: Fill up the required details and send the hardcopy along with self-attested photocopies of your mark sheets and certificates wherever they are required along with two copies of passport sized photographs. The completed application should reach To The Head, School of Medical Science and Technology, Indian Institute of Technology Kharagpur, Kharagpur - 721302 **not later than 5.00 P.M. on 11<sup>th</sup> May, 2018 18<sup>th</sup> May 2018**. The envelope containing the application should be marked as "**Joint M.Sc.-Ph.D. Program in Molecular Medical Microbiology/ Medical Physics/ Nuclear Medicine**". Applications received after 11<sup>th</sup> May, 2018 will not be accepted. Those who have appeared in the qualifying examination may also apply but their final selection will be subject to securing the required percentage of marks in the qualifying examination.

N.B. The candidates shortlisted for test & interview will be informed through email. Their names will also be notified in the IIT KGP webpages.

**If you have any questions, please contact at: [jpmm@smst.iitkgp.ac.in](mailto:jpmm@smst.iitkgp.ac.in)**

**Application fee:** There is no application fee.

**Selection Procedure**

Candidates will be short-listed for a written test with interview to be held at **IIT Kharagpur**.

Candidates further shortlisted on the basis of written test and interview will be informed about their admission. A maximum of ten (10) candidates for Molecular Medical Microbiology, eight (8) candidates for Medical Physics and eight (8) candidates for Nuclear Medicine, will be selected for admission.

Only SC/ST candidates will be reimbursed to-and-fro sleeper class rail fare by the shortest route on submission of SC/ST certificates and tickets.

Eligible candidates for the written test, whose names appeared in the institute website but have not received the Admit Card/Call Letter before the examination date, are advised to appear in the written entrance test with appropriate photo-identity proof.

**Important points to remember :**

Application opening date	April 13, 2018
Last date of receiving hard copy of applications	<del>May 11, 2018</del> May 18, 2018
Publication of provisional list of eligible candidates for written test	<del>May 18, 2018</del> May 25, 2018
Written Test at IIT Kharagpur followed by interview	June 17, 2018 Written Test: 10 am – 12 pm Interview: 2 PM onwards
Announcement of results	June 24, 2018
Last date for accepting the offer with fee payment	To be announced
Admission of selected candidates at IIT Kharagpur	13 July, 2018