

ENQUIRE

## Doctorate of Medicine (MD) Microbiology

All India Institute of Medical Sciences Patna

3 Years

Post Graduate

Full Time



APPLY NOW

K.R. MANGALAM UNIVERSITY

THE COMPLETE WORLD OF EDUCATION

#SucceedwithKRMU

ADMISSIONS OPEN

for Under Graduate Programs

ENROL NOW

Offering 40+ Courses

Up to 100% Scholarship

500+ Hiring Companies

Industry-Driven Curriculum

INR 36 LPA Highest Package



**SHARDA**  
UNIVERSITY

*Beyond Boundaries*

**ADMISSION**

**OPEN 2023-24**

→ E

→ S

→ A

→ S

→ H

→ A

**APPLY NOW**

**HOME**

## ABOUT COURSE

ADMISSION **NEW**

## SYLLABUS

## NEWS & ARTICLES

## REVIEWS

## Doctorate of Medicine (MD) Microbiology

A **Doctorate of Medicine in Medical Microbiology** can lead to many career opportunities in the field. These graduates have extensive training in teaching and research and can become doctors or scientists. They are highly marketable and sought-after. This is one of the most popular graduate degrees available today. A doctorate of medicine in microbiology is a postgraduate degree that allows you to conduct independent research. Typically, doctoral-level microbiologists work on independent projects in labs or in the field to improve human health.

They can work in government agencies, higher education institutions, or the private sector. Students who complete an **MD in microbiology** usually choose a career path that includes a combination of research and practice. This degree is highly sought-after in the biomedical field. Applicants must have excellent scientific skills and have a good understanding of medicine. As a result, many students choose this degree in order to further advance their careers.

## Benefits of Doctorate of Medicine Microbiology

The field of microbiology plays a vital role in the development of medical devices, diagnostic tests, and therapeutic procedures. A **doctorate in microbiology** will give you the skills and education to become a reputable and successful physician. You'll learn about a wide range of diseases and health conditions. The benefits of this field are many, and you can pursue a career in a variety of fields. You can also work with the Food and Drug Administration (FDA) and investigate outbreaks of food-related illnesses.

As a physician, you'll be able to provide clean water for people and animals. Bacteria help to break down organic matter in sewage and make it safer to drink. If you want to work as a doctor, a doctorate in microbiology can be a

APPLY NOW



## Bachelor of Fine Arts (B.F.A.)

APPLY NOW



**Bachelor of  
Science Honours  
(B.Sc. Hons.)  
Botany**

APPLY NOW



**Master of Science**  
**(M.Sc.) Chemistry**

APPLY NOW



## Bachelor of Mass Media (BMM)

APPLY NOW



**Bachelor of**  
**Library Science**  
**(BLibSc)**

APPLY NOW



**Bachelor of Journalism and Mass Communication (BJMC)**



APPLY NOW

valuable tool. You'll have a chance to work with the Food and Drug Administration, where you'll investigate the origin of food-related illnesses and food-related deaths.

### Eligibility for Doctorate of Medicine Microbiology

Admission for the MD Microbiology course in India requires the aspirants to complete their course corresponding to MBBS, Post Graduation, Bachelor's degree in science with a minimum of 55% aggregate marks.

Also, along with the essential eligibility criteria, the students pursuing the **MD Microbiology course** must have cleared the standard entrance examination with good scores.

There is no specific age limit or criteria for getting MD Microbiology admission.

### Future Scope of Doctorate of Medicine Microbiology

The future scope of a **Doctorate in Medicine in Microbiology** is vast, with opportunities in all sectors of the health care industry. For example, in the field of infectious diseases, physicians would be needed in centralized laboratories to develop and maintain sophisticated instruments and techniques. Similarly, microbiologists could play an important role in developing new diagnostic tests, coordinating the work of technicians, and conducting epidemiological surveys. Today, medical microbiologists work in hospitals and outpatient clinics, where they perform clinical roles. The future of this field of medicine is very bright.

MD Microbiology graduates can pursue a variety of career options in the health sector, such as a physician, a researcher, an analyst, or a scientist. In addition, they can also enter other sectors, such as environmental management, food production, and technical consulting. The job scope of a Doctorate in Medicine Microbiology is enormous, with opportunities ranging from academia to the pharmaceutical industry. The future scope of MD Microbiology graduates is extremely diverse, with many options available. The field of medical microbiology is very exciting and varied. With so much potential, it is important to obtain a Ph.D. in this field.

### Career Opportunities and Job Prospects of Doctorate of Medicine Microbiology

There are many advantages to earning a **Doctorate in Microbiology**. As a medical doctor, you will be able to work in the field of infectious diseases and develop programs to reduce the impact of illness. As a physician, you can also work as a public health analyst. You will be able to work in health care systems, help develop policies and conduct research on the health consequences of various illnesses. After earning your doctorate, you can begin a career as a clinical microbiologist. These professionals work in hospitals, universities, and the public sector.

The field of medical microbiology focuses on disease only. Typically, the percentage of pathogenic bacteria in the environment is lower than the percentage of beneficial bacteria. Nonetheless, there are many job opportunities available to medical microbiologists. In addition, you can become a professor in universities or medical institutions. If you are interested in applying to a graduate program in microbiology, consider working in laboratories or a research lab.

### Course duration and fee details of Doctorate of Medicine Microbiology

The **Doctorate of Medicine Microbiology** is a three-year postgraduate course that involves extensive study of various aspects of microbiology.

The average fees for the completion of the program are between 50K to 12Lakhs or it may vary from college to college.

APPLY NOW



**Bachelor of Library Science (BLibSc)**

APPLY NOW



**Bachelor of Education (B.Ed)**

APPLY NOW



**Master of Education (M.Ed.)**

APPLY NOW



**Master of Science (M.Sc) Agriculture**

APPLY NOW



**Bachelor of Science Honours (B.Sc. Hons.) Agriculture**

APPLY NOW



**Bachelor of Laws (LLB)**

APPLY NOW



**Master of Law (LLM)**

APPLY NOW



**Bachelor of Commerce Honours (B.Com. Hons.)**

APPLY NOW



**Master of Commerce (M.Com)**

APPLY NOW



**Master of Education (M.Ed.)**

APPLY NOW



**Bachelor of Education (B.Ed)**

APPLY NOW



**Master of Computer Applications (MCA)**

APPLY NOW



**BBA (Bachelor of Business Administration)**

APPLY NOW

Students also visited



**Kameshwar Singh Darbhanga Sanskrit University, Darbhanga...**



**Jai Prakash University, Saran...**



**Magadh University, Gaya ...**



**Maulana Mazharul Haque Arabic & Persian University, Patna...**



**Nalanda Open University, Patna...**



**Bihar Agricultural University, Bhagalpur ...**



**Patna University, Patna...**



**Lalit Narayan Mithila University, Darbhanga...**



**Aryabhatta Knowledge University, Patna...**



**Veer Kunwar Singh University, Bhojpur ...**



Campus

Patna

University

All India Institute of Medical Sciences Patna



Delivery Mode



Eligibility

MBBS



Duration

3 Years



Type of Course

Post Graduate

Syllabus of Doctorate of Medicine (MD) Microbiology

Syllabus of MD Microbiology

S.No	Subjects
1	General Microbiology
2	Immunology
3	Systemic bacteriology
4	Mycology
5	Virology
6	Parasitology
7	Applied Microbiology

All India Institute of Medical Sciences Patna Highlights

Established in	2004
University Type	State University
Recognized by	MCI ,
Courses	20

Top Courses

Management  
Pharmacy  
Science  
Law


Top Institue

Amity University Jaipur  
Chandigarh University  
Manipal University, Jaipur  
Kalinga University  
SGT University

Online Course

MBA  
BBA  
BCA  
MCA

Other Useful Link

Study Abroad  
MBBS Abroad  
Research India (PHD)  
PartneUniversityKart

70 SF, Omex Galleria, Jhajjar Rd, Bahadurgarh, Haryana 124507

