

**JIWAJI UNIVERSITY
INSTITUTE OF PARAMEDICAL SCIENCES**

Coordinator: Dr. Navneet Garud

Profile of The Department:

The Institute of Paramedical Sciences was established in 2020, is dedicated to creating and strengthen paramedical courses in Madhya Pradesh and neighboring states to meet the rising demand of skilled health workforce and contribute to the national mission of Skill India. The institute is poised to develop as one of the best model paramedical schools in India to play pivotal role to produce performance-oriented paramedic professionals that would shape the destiny of India's health care industry. It aims at developing competence and provides students with facilities for quality education, complete laboratory training and clinical exposure.

Jiwaji University, Paramedical Institute strives to become the best institute in India, providing quality paramedic and allied health science education and skill to create industry ready professionals. It tries to achieve its goal by providing high-tech laboratory facilities to the students. Along with the laboratory facilities, it works at providing qualified and experienced faculties to help students acquire hands-on training sessions. We have collaborated with Hospitals, diagnostic centers and various research labs to provide real time training experience to the students. Also, we emphasize on providing peer support and peer analysis for soft skill acquisition to the students.

The curriculum framed is approved by experts of each field, who have years of experience in their relevant field of work. Emphasis is given to provide avenues for their practical training. Paramedical Institute conducts several camps in remote areas, in order to do its bit in providing service to the community and mankind.

Tie-up with Hospitals and Organizations

The University developed linkages with the following two hospitals which participate in teaching and training programs of the Institute.

- 1. District Hospital, Morar, Gwalior**
- 2. Parivar Hospital, Aamkho Gwalior**
- 3. Physiotherapy Centres**

Contact Person:

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Coordinator

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BACHELOR OF PHYSIOTHERAPY (BPT) 4 Year 6 Months

Bachelor of Physiotherapy is a 4 Year 6 months under graduate program which deals with the science of treatment that is carried out using physical agents such as heat, electricity, mechanical pressure and mechanical forces. Therapy helps to treat disorders without the use of drugs. Physical therapy is done in order to maintain and restore maximum movement and functional ability throughout the life span.

Bachelor of Physiotherapy (BPT) Degree course 4 years 6 months

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| About course | The academic programme for the degree of Bachelor of Physiotherapy (BPT) shall be of four Years Six months. The examination will be held on Yearly pattern. |
| Course duration | Four Years Six Months |
| Number of Years | 4 ^{1/2} years |
| Criteria of admission | Higher Secondary (10+2) with 50% marks Biology stream |
| Process of admission | Admission the this course will be made through counseling on the basis of Merit in qualifying examination. |
| Fees structure | 1 st Year 2 nd Year 3 rd Year 4 th Year 80,020/- 77,020/- 77,020/- 77,020/- |
| Available seats | Open = 40 |
| Practical /Training | Physiotherapy Center |
| Results | |
| Exam Time table | |

BACHELOR OF MEDICAL LABORATORY TECHNICIAN (BMLT) 3 Years

Medical technologists work in areas of the laboratory like Clinical Pathology, Hematology (Study of blood and blood related disorders) Histology (study of tissue), Biochemistry, (chemical analysis of body fluids), Blood Banking, immunology (study of immune system), Microbiology (study of bacteria and other disease producing micro-organisms) and Cytology (study of human cells) Other areas include Phlebotomy, Parasitology and Serology. Phlebotomists draw and test blood where as blood bank technologists determine correct blood types for transfusions. Pathology/Hematology technicians cut and stain tissue samples.

On the other hand, medical lab technicians work under technologists or supervisors and do routine laboratory testing manually. Technicians prepare specimens and operate analyzers/ machines that automatically analyze samples. They also prepare standard solutions which involve measuring and mixing the correct amount of various chemicals for use in the lab.

Bachelor of Medical Laboratory Technician (BMLT) 3 Years Degree course

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| About course | The academic programme for the degree of Bachelor of Medical Laboratory Technician (BMLT) shall be of Three Years. The examination will be held on Yearly pattern. |
| Course duration | Three Years |
| Number of Years | 3 years |
| Criteria of admission | Higher Secondary (10+2) with 50% marks Biology stream |
| Process of admission | Admission to this course will be made through counseling on the basis of Merit in qualifying examination. |
| Fees structure | 1 st Year 2 nd Year 3 rd Year 53,749/- 50,749/- 50,749/- |
| Available seats | Open = 40 |
| Practical /Training | 1. District Hospital, Morar, Gwalior 2. Parivar Hospital, Aamkho Gwalior |
| Results | |
| Exam Time table | |

DIPLOMA IN MEDICAL LABORATORY TECHNICIAN (DMLT) 2 Years

Lab technician can work in hospitals & areas of the laboratory like Clinical Pathology, Hematology (Study of blood and blood related disorders) Histology (study of tissue), Biochemistry, Blood Banking, immunology, Microbiology (study of bacteria and other disease producing micro-organisms) and Cytology (study of human cells) Other areas include Phlebotomy, Parasitology and Serology. Phlebotomists draw and test blood where as blood bank technologists determine correct blood types for transfusions. Pathology/Hematology technicians cut and stain tissue samples.

On the other hand, medical lab technicians work under technologists or supervisors and do routine laboratory testing manually. Technicians prepare specimens and operate analyzers/ machines that automatically analyze samples. They also prepare standard solutions which involve measuring and mixing the correct amount of various chemicals for use in the lab.

Diploma In Medical Laboratory (DMLT) 2 Years

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| About course | The academic programme for the of Diploma In Medical Laboratory Technician (DMLT) shall be of Two Years. The examination will be held on Yearly pattern. |
| Course duration | Two Years |
| Number of Years | 2 years |
| Criteria of admission | Higher Secondary (10+2) with 50% marks Biology stream |
| Process of admission | Admission the this course will be made through counseling on the basis of Merit in qualifying examination. |
| Fees structure | 1 st Year 2 nd Year 42,269/- 39,269/- |
| Available seats | Open = 30 |
| Practical /Training | 1. District Hospital, Morar, Gwalior 2. Parivar Hospital, Aamkho Gwalior |
| Results | |
| Exam Time table | |