

**JIWAJI UNIVERSITY**  
**INSTITUTE OF PARAMEDICAL SCIENCES**

**Coordinator: Dr Navneet Garud**

**Programme/s offered:**

- **Bachelor of Physiotherapy (BPT) 4.5 yrs Degree Course**
- **Bachelor of Medical Laboratory Technology (BMLT) 3 yrs Degree Course**
- **Diploma In Medical Laboratory Technician (DMLT) 2 Yrs Diploma Course**
- **Certificate Course in Health Inspector (1 Yr):**

**Profile of the Department:**

The Institute of Paramedical Sciences was established in 2020, is dedicated to create 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 school 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 is thrives 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 for acquiring 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. The emphasize 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 hospital and organizations**

The University developed linkages with the following two hospitals who would be participating in teaching and training programs of the Institute.

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

These organizations would be associated with the institute in teaching as well as R & D activities of the Institute. The institute is offering the following Certificate and Diploma Courses-

## **DEGREE PROGRAMS**

### **A. Bachelor of Physiotherapy (4.5 yrs) :**

Bachelor of Physiotherapy is a 4 and 1/2-Year undergraduate program which deals with the science of treatment that is carried through physical forces such as heat, electricity, mechanical pressure and mechanical forces. Therapy helps to treat disorders without using drugs. Physical therapy is done in order to maintain and restore maximum movement and functional ability throughout the life span.

**Job Opportunities:** - Physiotherapy is considered as a rewarding career and satisfactory career in field of medical sciences. After completing the course, one can find job placements in many Govt. Semi-govt. & Corporate setups.

(1.) Set up own clinics & rehabilitation centers

(2.) May find employment in:

- I.** Corporate hospitals & health care centers, for wellness & fitness of patients.
- II.** Corporate houses for wellness & fitness of employees.
- III.** Sports & fitness centers
- IV.** Defense establishments: to treating the injuries of the defense personnel.

(3) Academic career in paramedical and medical colleges



### **Eligibility for Admission**

12th passed in any subject of life sciences stream from a school Recognized by state board/CBSC/ICSE or any recognized board by Govt. of India

**Age Limit:-** Up to 45 Years ( for SC,ST,OBC & PH candidates, as per MP Govt. rules )

**Duration of the Course: -** 4.5 years

**Seats: -** 20 Students

**Mode of Selection :-** Merit of the Marks obtained in 10+2 level.

**Medium of Instruction: -** English & Hindi

### Fees for the Course: Open Seats

#### **Courses: Bachelor of Physiotherapy (BPT)**

S. No	Fee Content	Fee to be deposited at the time of admission	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year
1	Tuition Fee	25, 000	25, 000	25, 000	25, 000
2	Laboratory Fee	5, 500	5, 500	5, 500	5, 500
3	General Fee	3,320	3,320	3,320	3,320
4	Course Development Fee	5, 000	5, 000	5, 000	5, 000
5	Computer Fee	-	-	-	-
6	Caution Money	3, 000 (Refundable)	-	-	-
	Total	41, 820	38, 820	38, 820	38,820

### **B. BACHELOR OF MEDICAL LABORATORY TECHNOLOGY**

Medical technologists work in areas of the laboratory like Clinical Biochemistry, (chemical analysis of body fluids), blood banking, immunology (study of immune system), Hematology (blood related), and Microbiology (study of bacteria and other disease organisms). Other areas include cytotechnology (study of human tissue), phlebotomy, urinalysis, coagulation, parasitology and serology. Phlebotomists draw and test blood where as blood bank technologists determine correct blood types for transfusions. Pathology 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 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.

#### **Skill Required:**

Qualities required for this profile are ability to conduct research, finish tasks with speed as well as with accuracy, to work under pressure, make analytical judgment, interpreting technical/scientific data, knowledge of laboratory instrumentation, mechanical ability and the ability to use computers. Technologists and technicians should have an eye for detail, be self-sufficient, accurate and self-motivated.



**Career Prospects:**

Laboratory Manager / Consultant / Supervisor, Health Care Administrator / Hospital Outreach Coordination.

**Eligibility for Admission-**

12th Standard passed in any subject of life sciences stream from a school recognized by state board/ CBSE/ICSE or any other recognized board by Govt. of India.

**Age Limit:** Up to 45 Years (for SC, ST, OBC and PH candidates as per MP Govt. rules)

**Duration of the Course:** 3 yrs

**Seats:** 20 students

**Mode of Selection:** - Merit of the marks obtained in 10+2 level

**Medium of Instruction:** - English and Hindi

Fees for the Courses: Open Seats

**Courses: Bachelor of Medical Laboratory Technology  
(BMLT)**

S. No	Fee Content	Fee to be deposited at the time of Admission 1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year
1	Tuition Fee	25, 000	25, 000	25, 000
2	Laboratory Fee	7, 500	7, 500	7, 500
3	General Fee	3,320	3,320	3,320
4	Course Development Fee	5, 000	5, 000	5, 000
5	Computer Fee	3,000	3,000	3,000
6	Caution Money	3, 000 (Refundable)	-	-
	Total	46,820	43, 820	43, 820

## II- DIPLOMA COURSES

### I. DIPLOMA IN MEDICAL LABORATORYTECHNICIAN (2 Yrs)

Diploma holders in medical technology work in areas of the laboratory like Clinical Biochemistry, (chemical analysis of body fluids), blood banking, urinalysis, parasitology and serology. The medical lab technicians work under technologists or supervisors and do routine laboratory testing manually. Technicians prepare specimens and operate 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.

#### **Skill Required:**

Basic understanding of principles involved in various blood analyses, skills in operation of laboratory equipment, documentation and reporting of results

**Career Prospects:** May find job as laboratory technicians in Govt and Private Laboratories.

**Eligibility for Admission-** 12th Standard passed in any subject of Life Sciences stream from a school recognized by state board/ CBSE/ICSE or any other recognized board by Govt. of India.

**Age Limit:** Up to 45 Years (for SC, ST, OBC and PH candidates as per MP Govt. rules)

**Duration of the Course:** 2 yrs

**Seats:** 30 students

**Mode of Selection:** - Merit of the marks obtained in 10+2 level

**Medium of Instruction:** English and Hindi

#### Fees for the Courses: Open Seats

#### **Courses: Diploma in Medical Laboratory Technology (DMLT)**

S. No	Fee Content	Fee to be deposited at the time of admission 1 <sup>st</sup> year	2 <sup>nd</sup> year
1	Tuition Fee	15,000	15,000
2	Laboratory Fee	7, 500	7, 500
3	General Fee	3,320	3,320
4	Course Development Fee	5, 000	5, 000
5	Computer Fee	3,000	3,000
6	Caution Money	3, 000 (Refundable)	-
	Total	36, 820	33,820

### III-CERTIFICATE COURSES

#### **CERTIFICATE COURSE IN HEALTH INSPECTOR (1 Yr):**

The primary responsibility of a health inspector is to ensure the standard sanitary conditions meet the level of the schools, restaurants, hotels, hospitals, and other public places. Duties of sanitary inspector in India, include ensuring the functioning of a public place in a hygienic environment.

#### **Job Opportunities**

A health inspector is employed by government authority. He/she is responsible for ensuring that various establishments and businesses follow standard health and safety measures regularized the government authority. They evaluate the work environment with detailed observation and scientific tests.

**Eligibility for Admission-** 12th standard passed in Life Sciences from a school recognized by state board/ CBSE/ICSE or any other recognized board by Govt. of India.

**Age Limit:** Up to 45 Years (for SC, ST, OBC and PH candidates as per MP Govt. rules)

**Duration of the Course:** One Year

**Seats:** 20 students

**Mode of Selection:** - Merit of the marks obtained in 10+2 level

**Medium of Instruction:** English and Hindi

**Fees for the Courses: Open Seats**

#### **Courses: Certificate Course in Health Inspector**

S. No	Fee Content	Fee to be deposited at the time of admission
		<b>Health Inspector</b>
1	Tuition Fee	12,000
2	Laboratory Fee	-
3	General Fee	3, 320
4	Course Development Fee	-
5	Computer Fee	3,000
6	Caution Money	3, 000 (Refundable )
	Total	21,320





**Induction programme of Paramedical Department**





**BMLT and DMLT student participating on camp organized on the occasion of world Diabetes Day**



**Public Outreach Programs of the Institute**



**Students attended training programme at Parivar hospital, Gwalior**





**Physiotherapy students are doing the practical on machines**



**Educational visit to Rehabilitation center**



**Demonstration of machines to Physiotherapy students**