



**UNIVERSITY OF  
DR.PSJKUMAR**



# **BMLT CURRICULUM 2023-24**

**SCHOOL OF SCIENCE AND MEDICINE**

# ABOUT US

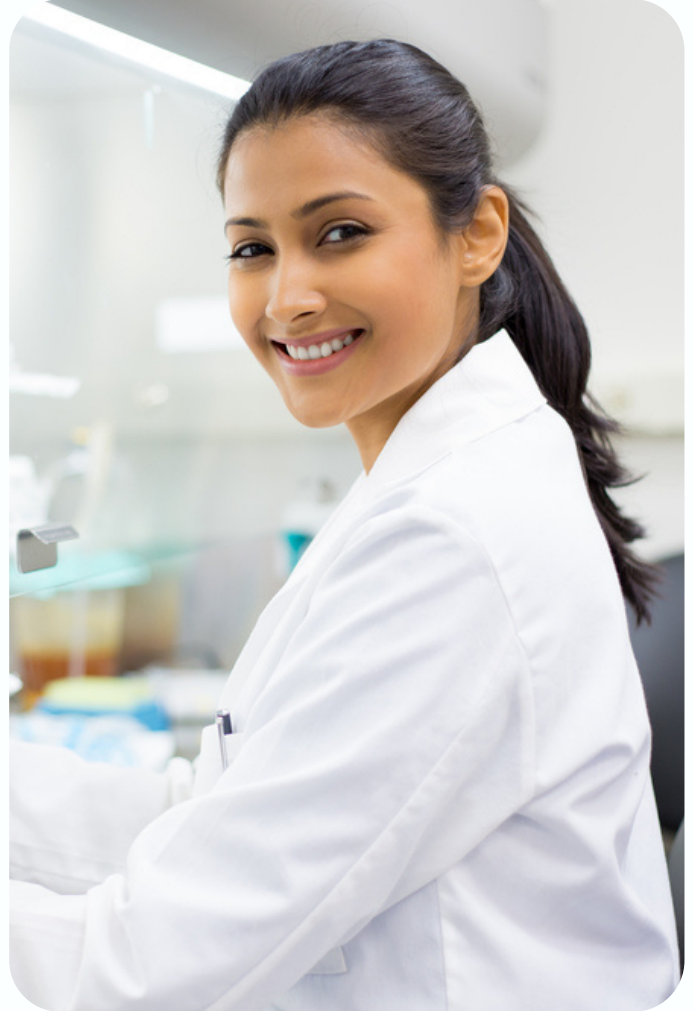
University of Dr.PSJKumar School of Science and Medicine has various programs for diplomas, degrees, masters, and doctorates.

Dr.PSJKumar University's School of Science and Medicine offers massive exposure to its students in the field of medicine, enriching their skills as well as helping them to take visit several hospitals to also practice in the last years of the course. The University has several departments scattered all throughout Florida, United States and Salem, Tamil Nadu, India.

The University is especially popular among International students. The University has franchises around the globe including Queensland, India, Canada, Malaysia, and London.

## **DEGREE OF BACHELOR OF MEDICAL LABORATORY TECHNOLOGY (BMLT)**

The completion of the degree of bachelor of medical laboratory technology (BMLT) is ordinarily accomplished in three academic years of regular curriculum plus six months professional training.



## **THREE YEARS REGULAR CURRICULUM**

## **DEPARTMENT OF PUBLIC HEALTH AND MEDICINE**



**University of Dr.PSJKumar**

# FIRST YEAR

The three year curriculum is based on the departmental as well as interdisciplinary teaching. The first year offer the students an opportunity to develop a strong background in basic hematology and to receive an introduction to microbiology. Every academic year consists of two semesters.

## SEMESTER I

General Microbiology  
Human Anatomy and Physiology  
Basic Hematology  
Basics of Biochemistry  
Essential Biology  
Microbiology Laboratory  
Biochemistry Laboratory

## SEMESTER II

Hematological Techniques  
Biochemical Metabolism  
Systematic Bacteriology  
Advanced Clinical Microbiology  
Human Values & Professional Ethics  
Systematic Bacteriology Laboratory  
Biochemical Metabolism Laboratory



## SEMESTER I HEMATOLOGY

## SEMESTER II MICROBIOLOGY



# SECOND YEAR

The second year offer the students an opportunity to develop a strong background in applied bacteriology and to receive an introduction to analytical biochemistry.

## SEMESTER III

Applied Bacteriology  
Applied Hematology  
Basic Cellular Pathology  
Applied Bacteriology Laboratory  
Applied Hematology Laboratory

## SEMESTER IV

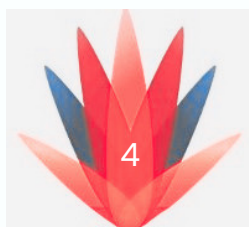
Analytical Biochemistry  
Histotechnology  
Immunology and Mycology  
Analytical Biochemistry Laboratory  
Histotechnology Laboratory

The course serves as a transition from basic hematology to experiential medical laboratory techniques. The goal is to help the student acquire the knowledge and skills necessary to participate in the active health analysis of patients in the context of medical lab screening.



## SEMESTER III BACTERIOLOGY

## SEMESTER IV BIOCHEMISTRY



# THIRD YEAR

The third year offer the students an opportunity to develop a strong background in blood banking and to receive an introduction to advanced clinical practice.

## **SEMESTER V**

Medical Laboratory Management  
Parasitology and Virology  
Blood Banking  
Clinical Biochemistry  
Clinical Biochemistry Laboratory

## **SEMESTER VI**

Advanced Clinical Practice  
Environmental Sciences  
Advanced Hematology  
Elective  
Dissertation and Viva

The course serves as a transition from medical laboratory techniques to medical laboratory management in contemporary health care settings. The third year course deals with clinical biochemistry, environmental sciences, and advanced hematology.



## **SEMESTER V** **BLOOD BANKING**

## **SEMESTER VI** **DISSERTATION**



# SCHOOL OF SCIENCE AND MEDICINE

The school of science and medicine, University of Dr.PSJKumar is recognized by several international organizations, including NMC and WHO. The University is among the top recognized medical schools in United States and India.

## FOR ADMISSION CONTACT

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University of Dr.PSJKumar  
also offers;

MBBS/MD/MS/MPA/MDS/MMLT  
Bachelor of Dental Surgery  
Bachelor of Physiotherapy  
Bachelor of Optometry  
Bachelor of Pharmacy  
Bachelor of Science in Nursing



## FACULTY OF MEDICINE AND HEALTH SCIENCES



**University of Dr.PSJKumar**

