



**BACHELOR OF
MEDICAL LABORATORY TECHNOLOGY (BMLT)**
(A Three Year Degree Course)

Prospectus

K. B. WOMEN'S COLLEGE

NAAC Accredited B++

A Constituent Unit of Vinoba Bhave University
Hazaribag, Jharkhand – 825301

Ph.- 06546-263442, Website : www.kbwomenscollege.in,

E-mail : kbw_hzb@rediffmail.com





From The Principal's Desk...

Women empowerment can be achieved through access to purposeful education with human values & social responsibilities. Three Year degree course in Medical Laboratory Technology envisages an educational plan to give practical training knowledge and skill to fulfil Job requirements for the girl students of Chotanagpur region and Hazaribag in particular. The students may be inspired towards a bright future prospects and economic freedom through this course.

We are proud to announce the commencement of this course during the session 2019-2022. This course will not only respond to changes in professional education but also becomes the need of the modern times. Fully equipped laboratories & classrooms, trained medical technologist for facing day to day health challenges. DMLT course was previously run by the college under UGC Community College scheme since 2015. The Passed out students have brilliant records in Jharkhand.

Dr. Rekha Rani
Principal

K.B. Women's College, Hazaribag

About the Institution ...

K. B. Women's College, a constituent unit of Vinoba Bhave University, is a premier & well recognized educational institution in the field of higher education for women in North Chotanagpur Region of Jharkhand. It was established in 1963. The college acquired a new syllabus by starting vocational studies in the subject Medical Laboratory Technology from 2019. A course Diploma in Medical Laboratory Technology under UGC Community College scheme was being conducted since 2015 to 2019 successfully. The students from these batches have passed out & are working as skilled technicians in various Govt. Hospitals, Nursing homes & Pathological laboratories or pursuing higher education in various institutes all over India.

AIMS & OBJECTS:

The aims & objects introducing vocational studies in a progressive & positive approach towards imparting job oriented education to the girl students, so that they can achieve their goal of success, fame contentment & meet the changing socio economic demands. The aim is to prepare the students for careers by equipping them with competencies for moving into job market or for self employment.

The course essentially aims to impart training to candidates In:

- Performing both common & complex laboratory examinations in clinical & non-clinical subjects.
- Helping & partaking in research work.
- Training the students to expertise in handling & managing the patients welfare.

ABOUT MEDICAL LABORATORY TECHNOLOGY:

MLT is a three year undergraduate course designed to equip eligible candidates with an advanced learning in both routine & sophisticated laboratory diagnostic procedures. The syllabus is designed to provide ample knowledge & training skills to enable the students to emerge as competent skilled professionals. Experts & guest faculties are invited for delivering lectures. The job training will be arranged at various medical colleges & hospitals.



JOB PROSPECTS:

Medical Lab Technologists are in enormous demand in the country's medical field. Successful BMLT degree holders can even start their own clinical laboratories. They are indispensable for an effective functioning of biochemical laboratories. A large no. of private clinics, nursing homes blood donation centres, pathology research facilities etc. hire such lab specialists. They can be appointed as Phlebotomist, Lab technologists, in professional blood banks, Hospitals, Laboratories, Health centres, E-diagnostic centres and through SCC examination appointments in Govt. sectors like railways and Govt. Hospitals etc.

ELIGIBILITY FOR ADMISSION:

Candidates seeking admission in BMLT course should have one of the following:

- Passed +2 / intermediate science with PCB or PCM.
- Passed DMLT course.
- Passed ANM course.

SELECTION PROCEDURE FOR ADMISSION:

Admission to Bachelor of Medical Laboratory Technology course will be made on the basis of performance of the candidate at the entrance test followed by counselling. For admission against NRI / NRI sponsored seats there is direct admission after appearing for a special interview on a date decided by the department.

TOTAL SEATS:

The Total no of Seats is 40 + 5. (40 seats for general candidates and 5 seats for NRI/NRI sponsored candidates on requisite payment in US\$). Reservation of seats for SC/ST/OBC will be followed as per the rules and regulations of Vinoba Bhave University, Hazaribag.

COURSE FEE:

Rupees 15000/- (Fifteen thousand) only per semester for general students and US\$ 1000 per semester for NRI/NRI sponsored candidates.

IMPORTANT:

- Fee must be paid in full at the time of admission.
- 75% attendance is necessary for filling the examination form according to the university rules.
- Disciplinary action will be taken against those students who break college rules.
- All students are directed to see the notice board daily without fail for information.

OTHERS:

- An exclusive and well equipped Laboratory
- Wi-Fi Campus

HOSTEL FACILITIES:

Hostel Accommodation is available in college campus.

SI. No.	FEE CONCESSION TYPES AND DETAILS	CONCESSION %
1	Students belonging to ST, SC	10%
2	Students who have obtained 70% or above in class XII (JAC Board)	10%
3	Students who have obtained 80% or above in class XII (CBSE/ICSC Board)	10%



SYLLABUS OF BMLT - COURSE OUTLINE

SYLLABUS

The Syllabus is based on Semester System as follows:

Semester	Paper	Subject
Sem. - I	BMLT-101	General Human Anatomy & Physiology -I
	BMLT-102	Routine & Special Lab Techniques –I
	BMLT-103	Biomolecules
	BMLT-104	Fundamentals of Microbiology
	BMLT-105	Communication Skills
	BMLT-106	Practical
Sem. - II	BMLT-201	General Human Anatomy and Physiology -II
	BMLT-202	Routine & Special Lab Techniques –II
	BMLT-203	Basics of Computer Science
	BMLT-204	Microbial Physiology – Metabolism
	BMLT-205	Practical
	BMLT-206	Practical
Sem. -III	BMLT-301	Haematology & Blood Banking – I
	BMLT-302	Microbiology & Serology
	BMLT-303	Clinical Pathology & Biochemistry
	BMLT-304	Pathogenic Microbiology
	BMLT-305	Practical
	BMLT-306	Practical
Sem. - IV	BMLT-401	Clinical Biochemistry & Microbiology – I
	BMLT-402	Histology & Cytology – I
	BMLT-403	Parasitology & Blood cell Disorders – I
	BMLT-404	Job-Training & Project Report
	BMLT-405	Practical
	BMLT-406	Practical
Sem. - V	BMLT-501	Medical Genetics & Microbiology-II
	BMLT-502	Histology & Cytology – II
	BMLT-503	Parasitology & Blood cell Disorders – II
	BMLT-504	Pathogenic Microbiology
	BMLT-505	Practical
	BMLT-506	Practical
Sem. - VI	BMLT-601	Clinical Lab Operations & Management
	BMLT-602	Professional Training
	BMLT-603	Biomedical Imaging Devices & Concepts
	BMLT-604	Practical
	BMLT-605	Practical





K. B. WOMEN'S COLLEGE

Hazaribag, Jharkhand – 825301

CONTACT NO.

Ph.- 06546-263442, Mobile - 9006081400, 8789970633, 7004832347, 9931530136

Website : www.kbwomenscollege.in, E-mail : kbw_hzb@rediffmail.com

Form Rs. 300/- Only