



Govt. Science College, Jabalpur

B.Sc. 3rd year Biochemistry

Cell Biology (Group A Paper I) Course Learning Outcomes (CLO)

- ❖ Learn about cell structure and cell theory.
- ❖ Acquire knowledge about the structure and function of various cell organelles.
- ❖ Understand cell division and cell death mechanisms.





Govt. Science College, Jabalpur

B.Sc. 3rd year Biochemistry

Microbiology and Microbial Techniques (Group A Paper II)

Course Learning Outcomes (CLO)

- ❖ Identify bacteria using light microscope.
- ❖ Explore the characteristics of microorganisms.
- ❖ Learn routine microbiological techniques like sterilization, media preparation, maintenance of microbial culture, staining etc.
- ❖ Understand the microscopy techniques for specimen examination in laboratories.
- ❖ Learn the role of microbes in industrial, medical and domestic applications.





Govt. Science College, Jabalpur

B.Sc. 3rd year **Biochemistry**

Human Physiology (Group B Paper II)

Course Learning Outcomes (CLO)

- ❖ Get a holistic understanding of the different organ system to their components and basic functioning.
- ❖ Learn about various physiological pathway and mechanism for normal functional of the human body.





Govt. Science College, Jabalpur

B.Sc. 3rd year **Biochemistry**

Nutritional Biochemistry (Group B Paper II)

Course Learning Outcomes (CLO)

- ❖ Understand the importance of nutritional biochemistry and contribute to the health and wellness of human beings.
- ❖ Get acquainted with biological role of macro and micronutrients.
- ❖ Learn to evaluate requirement of energy for various age groups.
- ❖ Gain knowledge of anti-nutrient components of foods.
- ❖ Get insight of processing methods to retain the nutritional quality of food.

