

JSS College for Women (autonomous)

Saraswathipuram, Mysore- 09

Course outcome

CO1: Understand the structure, function, and classification of biomolecules such as carbohydrates, lipids, proteins, and nucleic acids.

CO2: Explain the fundamental biochemical processes including enzymology, metabolism, and bioenergetics.

CO3: Analyze metabolic pathways (e.g., glycolysis, Krebs cycle, lipid metabolism) and their regulation in living organisms.

CO4: Apply biochemical techniques and principles in laboratory settings to study biomolecular interactions and enzyme activities.

CO5: Interpret biochemical data and relate abnormalities in biochemical pathways to human diseases and clinical conditions.

CO6: Demonstrate knowledge of molecular biology concepts relevant to gene expression, DNA replication, and protein synthesis.

CO7: Develop critical thinking and problem-solving skills in biochemistry through case studies and research-oriented activities.