

**Course Outcomes (COs)**


<b>Program Name:</b>	M.Sc. Microbiology	<b>AY</b>	2022-23
<b>Course Name:</b>	Microbial Physiology and Metabolism	<b>Class / Sem</b>	I
<b>Faculty Name:</b>	Dr. Keshwanand Tripathi		


**Course Outcomes**


After completing this course, the student will be able to:

<b>CO Number</b>	<b>CO Statement</b>	<b>Taxonomy</b>
CO1	Discuss various applications of Biomolecules, their structure and function	Understand
CO2	Predict the Gibbs free energy and enthalpy of reaction	Evaluate
CO3	Define different types of biosynthetic pathways of different biomolecules	Remember
CO4	Explain the concept of lipids and their significance	Understand
CO5	Characterize the the Electron-Transfer Reactions in Mitochondria. ATP Synthesis, Regulation of Oxidative Phosphorylation	Analyze

**Taxonomy:** Remember, Understand, Apply, Analyse, Evaluate, Create

  
**(Dr. Keshwanand Tripathi)**  
**Faculty Name and Signature**

  
**Head**  
Department of Biotechnology  
Invertis University, Bareilly (U.P.)

  
**Dean**  
Faculty of Science  
Invertis University, Bareilly (U.P.)

  
Registrar  
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