



Govt. Science College, Jabalpur

B.Sc 2nd year Biotechnology Basic Molecular Biology (Major1) Course Learning Outcomes (CLO)

- Students will be able to explain role of different protein/ enzymes involved in cell signaling.
- They will be able to understand mechanism of genetic damage caused by mutation and role of various repair system in neglecting the effect of these mutation.
- Students will be able to explain mechanism of DNA replication, transcription, translation and other related processes



Govt. Science College, Jabalpur

B.Sc. 2 Year Biotechnology

Recombinant DNA Technology (Major 2/ Minor/ Elective) Course Learning Outcomes (CLO)

- The objectives of this course are to teach students with various approaches to conduct genetic engineering and their applications in biological research as well as in biotechnology industries.
- Genetic engineering is a technology that has been developed based on our fundamental understanding of the principles of molecular biology and this is reflected in the contents of this course.
- Given the impact of genetic engineering in modern society, the students should be endowed with strong theoretical knowledge of this technology.
- In conjunction with the practical's in molecular biology and genetic engineering, the students should be able to take up biological research as well as placement in the relevant biotech industry