



Dayanand Science College, Latur.
Programme Specific Outcomes (PSOs)
B.Sc. Biotechnology

Sr. No.	PSO No.	Programme Specific Outcomes (PSOs) of B.Sc. Biotechnology
1	PSO1	The B. Sc. Biotechnology programme is a three-year degree. In the first two years students will tackle core subjects to ensure that they receive a solid grounding in fundamentals.
2	PSO2	Students will then specialize in the final year, making their choice from a wide range of options and research projects.
3	PSO3	Students will acquire Knowledge and Understanding of: Biochemistry; Molecular biology and genetics; Cell and Developmental biology; Protein and Enzyme structure and function; Plant Tissue Culture; Bioinformatics.
4	PSO4	Students will acquire Knowledge and Understanding of different fields of Biotechnology: Medical Biotechnology; Pharmaceutical Biotechnology; Agricultural Biotechnology; Industrial Biotechnology; Environmental Biotechnology; Plant and Animal Biotechnology; r-DNA Technology.
5	PSO5	Students will have knowledge of Bioinstrumentation techniques, exclusively needed for research work.
6	PSO6	Students will acquire Knowledge and Understanding of culturing techniques of micro-organisms and their maintenance in the laboratory. They will also be able to construct an ideal microbiology laboratory.
7	PSO7	Students will be able to Plan and execute safely a series of experiments; Use laboratory methods to generate data; Analyse experimental results and determine their strength and validity
8	PSO8	Students will be able: To prepare technical reports; Give technical presentations; Use the scientific literature effectively; Use computational tools and packages.
9	PSO9	Students will able to: Communicate effectively through oral presentations, computer processing and presentations, and written reports.
10	PSO10	Students will able to Work independently and as part of a team ;Integrate and evaluate information from a variety of sources; Use Information and Communications Technology; Manage resources and time;Learn independently with open-mindedness and critical enquiry; Learn effectively for the purpose of continuing professional development.