

Birla Institute of Technology & Science Pilani, Rajasthan

M.E. Biotechnology

Semester wise pattern for students admitted to Higher Degree program – M.E. Biotechnology :

Year	First Semester	Second Semester
I	Molecular Mechanism of Gene Expression Advanced Cell and Molecular Biology Environmental Biotechnology and Waste Management Elective	Research Practice Animal Cell Technology Plant Biotechnology Elective Elective
II	Advanced and Applied Microbiology Elective Elective Elective Elective	Dissertation Or Practice School

Elective Courses Offered :

Biomolecular Modeling, Enzymology, Biochemical Engineering, Recombinant DNA Technology, Microbial and Fermentation Technology, Molecular Immunology, Stem Cell and Regenerative Biology, Interferon Technology, Biostatistics and Biomodelling, Human Genetics, Membrane and Liposome Technology, Transgenic Technology, Protein and Enzyme Bioengineering, Gene Toxicology, Transgenic Technology, Protein and Enzyme Bioengineering, Gene Technology, Bioconversion Technology, Bioethics and Biosafety, Introduction to Bioinformatics, Cancer Biology, Experimental Techniques.