

## Department of Biotechnology

<b>M.Sc. BioTechnology</b>		
	<b>PO</b>	<b>PSO</b>
<b>1</b>	To understand structure-functional relation of protein, genome & drugs using bioinformatics tools.	To help the students to build interdisciplinary approach
<b>2</b>	To study plant transformation using genetic engineering for developing better varieties of economically & medicinally important.	To empower students to excel in various research fields of Life Sciences
<b>3</b>	Understanding the mechanism of cloning of micro-organisms, plants & animal cells through genetic engineering & tissue culture tools	To inculcate sense of scientific responsibilities and social and environment awareness
<b>4</b>	To develop awareness about patenting & intellectual property rights in the field of life science.	
<b>5</b>	To understand breeding mechanism in plants & livestock.	
<b>6</b>	To study ultrastructure, classification & cultivation of viruses	

<b>7</b>	To aware students about emerging & re-emerging viruses diseases		
<b>8</b>	To know about stem cells & its applications in medical field		
<b>9</b>	To study differential expression of genes in normal & diseased individuals		
<b>10</b>	To understand role of biotechnology various fields for betterment of life		
<b>11</b>	To help student build-up a progressive and successful career		
<b>12</b>	The student will be able to identify, formulate and solve the issues related to biotechnology through in-depth analytical and critical thinking related to Biotechnology Industry, Pharma industry, Medical or hospital		