

## FYBT IKS

<b>B. Sc (Biotechnology)</b>		<b>Semester – I</b>	
<b>Course Name: History of Biotechnology</b>		<b>Course Code: VGVUIKS107</b>	
<b>Periods per week (1 Period is 60 minutes)</b>		<b>2</b>	
<b>Credits</b>		<b>2</b>	
		<b>Hours</b>	<b>Marks</b>
<b>Evaluation System</b>	<b>Theory Examination</b>	<b>02</b>	<b>60</b>
	<b>Internal</b>		<b>40</b>

### Course Objectives

To acquaint students with historical aspects of Biotechnology.  
To impart the knowledge of evolution and diversification of Biotechnology.

Unit	Details	Lectures
<b>I</b>	Advent of Biotechnology, Traditional and Modern Biotechnology- Tracing biotechnology through ages, Biotechnology in Healthcare, Public perception of Biotechnology,	<b>10</b>
<b>II</b>	Ethics in Biotechnology. Biotechnological Research in India, Biotechnology Institutions in India (Public and Private sector), Consumption of Biotech products, Biotech policy initiatives, Biotechnology in context of developing World	<b>10</b>
<b>III</b>	Biotech success stories in India, Biotechnology in India- Bio-business (Biotechnology market) in India, Ethical issues in Biotechnology in India.	<b>10</b>

<b>Course Outcomes</b>	<b>Learners should be able to</b>
<b>CO1</b>	Understand the historical aspects of Biotechnology.

<b>CO2</b>	Understand evolution of Biotechnology.
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Books and References:				
<b>Sr. No.</b>	<b>Title</b>	<b>Author/s</b>	<b>Publisher</b>	<b>Edition</b>
1.	Textbook of Biotechnology	R.C.Dubey	S.Chand	4th
2.	Biotechnology	H.K.Das	Himalaya	3rd
3	Advances in Biotechnology	S.N. Jogdand	Himalaya	6th

