

## **M.Sc. (Biotechnology)**

With tremendous growth in the field of Biotechnology in the recent period, post graduates in Biotechnology can be gainfully employed in pharma as well as research organizations in India and abroad.

**Period of study :** 2 years

**Medium :** English

**Eligibility :** The candidate should have passed B.Sc. or equivalent exam with any of the following courses: Biochemistry, Biotechnology, Microbiology, Bioinformatics, Chemistry, Medical Lab Technology, Genetics, Zoology, Botany, Agriculture, Veterinary Science and Environmental Science.

### **First Year**

<b>S.No</b>	<b>Title of Paper</b>	<b>Credits</b>
01	Cell Biology and Genetics	5
02	Biomolecules	5
03	Biochemical Techniques and Biostatistics	5
04	Enzymology and Metabolism	5
05	Microbiology and Immunology	5
06	Lab – I: Biochemical Analysis and Techniques	2
07	Lab – II : Microbiology and Immunology	2
	<b>Total</b>	<b>29</b>

### **Second Year**

08	Molecular Biology	5
09	Genetic Engineering	5
10	Plant Biotechnology	5
11	Animal and Medical Biotechnology	5
12	Industrial and Environmental Biotechnology	5
13	Lab – III: Molecular Biology & Genetic Engg.	2
14	Lab – IV: Plant and Industrial Biotechnology	2
15	Project work and viva-voce	10
	<b>Total</b>	<b>39</b>
	<b>Grand Total</b>	<b>68</b>