

## M.Sc. (Biotechnology)

**Period of study** : 2 years

**Medium** : English

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

### Course Structure

#### First Year

Code No.	Title of Paper	Credits
SPDBT101	Cell Biology and Genetics	5
SPDBT102	Biomolecules	5
SPDBT103	Biochemical Techniques and Biostatistics	5
SPDBT104	Enzymology and Metabolism	5
SPDBT105	Microbiology and Immunology	5
	Lab - I: Biochemical Analysis and Techniques	2
	Lab - II : Microbiology and Immunology	2
	<b>Total</b>	<b>29</b>

#### Second Year

SPDBT201	Molecular Biology	5
SPDBT202	Genetic Engineering	5
SPDBT203	Plant Biotechnology	5
SPDBT204	Animal and Medical Biotechnology	5
SPDBT205	Industrial and Environmental Biotechnology	5
	Lab - III: Molecular Biology & Genetic Engg.	2
	Lab - IV: Plant and Industrial Biotechnology	2
	Project work and viva-voce	10
	<b>Total</b>	<b>39</b>
	<b>Grand Total</b>	<b>68</b>