



School of
Postgraduate Studies

Subject-specific Entrance Test Table Of Specification PhD in Biotechnology

S.#	Themes	Topics
1	Biotechnology	General Biology
		Applications of Biotechnology
		Scope of Biotechnology
		Statistical Reasoning
2	Molecular Biotechnology	Central Dogma of Molecular Biology
		Methods in Molecular Biology
		Recombinant DNA Technology
		DNA mutation and repair
		Fundamentals of Genomics and Proteomics
3	Health Biotechnology	Immunology
		Biomarkers and Diseases
		Disease Biology
		Molecular Diagnostics
		Virology/Bacteriology
4	Agricultural Biotechnology	Plant Tissue Culture
		Bioremediation
		Natural Products
5	Industrial and Pharmaceutical Biotechnology	Enzymology
		Vaccine development
		Pharmacology
		Bioengineering
		Product Development