

**PARVATIBAI CHOWGULE COLLEGE OF ARTS AND SCIENCE
(AUTONOMOUS)
DEPARTMENT OF BIOTECHNOLOGY
COURSE STRUCTURE
THREE YEARS B.Sc. DEGREE COURSE IN BIOTECHNOLOGY**

SEM	CORE COMPULSORY		CORE ELECTIVE				SEC/GEC
I	BIO-IC-1A Biomolecules	BIO-IC-2A Cell Biology	-	-	-	-	BIO-GEC-1 Mushroom cultivation and Vermicomposting technology
II	BIO-II.C-3A Fundamental Genetics	BIO-II.C-4A Basic Microbiology	-	-	-	-	BIO-GEC-4 Biostatistics
III	BIO-III.C-5A Molecular Biology	-	BIO-E-1 Basics of Plant and Animal Sciences	BIO-E-22 Metabolism of Biomolecules	BIO-E-3 Biostatistics	BIO-E-23 Enzymology	-
IV	BIO-IV.C-6A Immunology	-	BIO-E-5 Plant and Animal Physiology	BIO-E-24 Tools & Techniques in Biotechnology	BIO-E-4 Evolution & Anthropology	BIO-E-7 Molecular Genetics	BIO-SEC-1 Food and Fermentation technology
V	BIO-V.C-7A Concepts in Genetic Engineering	-	BIO-E-9 Molecular Medicine	BIO-E-18 Environmental Biotechnology	BIO-E-20 Plant Biotechnology	BIO-E-12 Bioinformatics	-
VI	BIO-VI.C-8B Industrial Biotechnology	-	BIO-E-16 Bioethics and Biosafety	BIO-E-25 Advanced Cell Biology	BIO-E-13 Food Biotechnology	BIO-E-21 Animal Cell Culture	-