

SYLLABUS

M. Sc. GENETICS

Subject Code	Subject Name
SEMESTER I	
PS01CGEN01	Cell & Molecular Biology
PS01CGEN02	Fundamentals of Genetics
PS01CGEN03	Bioanalytical Techniques
PS01CGEN04	Practical of PS01CGEN01 & PS01CGEN02
PS01CGEN05	Practical of PS01CGEN03 & PS01EGEN01
PS01CGEN06	Viva-Voce
Elective	
PS01EGEN01	Essentials of Biochemistry
	Population and Evolutionary Genetics
	Genetics of Mammalian Development
	Microbial Genetics
	Human Physiology and Clinical Correlations
SEMESTER III	
PS03CGEN01	Immunogenetics
PS03CGEN02	Human Molecular genetics
PS03CGEN03	Genetics in Crop Improvement
PS03CGEN04	Practical of PS03CGEN01 & PS03CGEN02
PS03CGEN05	Practical of PS03CGEN03 & PS03EGEN01
PS03CGEN06	Viva-Voce
Elective	
PS03EGEN01	Genetics of Mammalian Development
	Essential of Biochemistry
	Microbial Genetics
	Human Physiology and Clinical Correlations

Subject Code	Subject Name
SEMESTER II	
PS02CGEN01	Biostatistics & Bioinformatics
PS02CGEN02	Cytogenetics
PS02CGEN03	Recombinant DNA Technology
PS02CGEN04	Practical of PS02CGEN01 & PS02CGEN02
PS02CGEN05	Practical of PS02CGEN03 & PS02EGEN01
PS02CGEN06	Viva-Voce
Elective	
PS02EGEN04	Population and Evolutionary Genetics
	Essentials of Biochemistry
	Genetics of Mammalian Development
	Microbial Genetics
	Human Physiology and Clinical Correlations
SEMESTER IV	
PS04CGEN01	Animal Genetics
PS04CGEN02	Gene Therapy & Genetic Counseling
PS04CGEN03	Practical of PS04CGEN01 & PS04CGEN02
PS04CGEN05	Viva-Voce
Elective	
PS04EGEN01	Microbial Genetics
PS03EGEN02	Human Physiology and Clinical Correlations
PS04EGEN03	Practical of PS04EGEN01 & PS04EGEN02
	OR
PS04CGEN04	DISSERTATION
PS04CGEN05	Viva-voce