

DR. MGR-JANAKI COLLEGE OF ARTS & SCIENCE FOR WOMEN
B.Sc (MICROBIOLOGY) - PAPERS OFFERED

I SEMESTER	
LANGUAGE	LANGUAGE - 1
ENGLISH	ENGLISH - 1
MAJOR	GENERAL MICROBIOLOGY & MICROBIAL PHYSIOLOGY
ALLIED	BIOCHEMISTRY - 1
PRACTICAL	GENERAL MICROBIOLOGY
PRACTICAL	ALLIED BIOCHEMISTRY - 1
NON-MAJOR ELECTIVE	CELLULAR ORGANIZATION/ BASIC TAMIL - 1/ ADVANCE TAMIL - 1
SOFTSKILL	ESSENTIALS OF LANGUAGE AND COMMUNICATION SKILLS

LANGUAGE – TAMIL /HINDI /SANSKRIT /FRENCH /ARABIC

II SEMESTER	
LANGUAGE	LANGUAGE - 2
ENGLISH	ENGLISH - 2
MAJOR	IMMUNOLOGY & MICROBIAL GENETICS
ALLIED	BIO-CHEMISTRY - 2
PRACTICAL	IMMUNOLOGY
PRACTICAL	ALLIED BIOCHEMISTRY - 2
NON-MAJOR ELECTIVE	INHERITANCE BIOLOGY/ BASIC TAMIL - 2/ ADVANCE TAMIL - 2
SOFTSKILL	PERSONALITY ENRICHMENT - 1

III SEMESTER	
LANGUAGE	LANGUAGE - 3
ENGLISH	ENGLISH - 3
MAJOR	MOLECULAR BIOLOGY
ALLIED	BIOINSTRUMENTATION
PRACTICAL	MOLECULAR BIOLOGY
PRACTICAL	ALLIED BIOINSTRUMENTATION
SOFTSKILL	QUANTITATIVE APTITUDE

IV SEMESTER	
LANGUAGE	LANGUAGE - 4
ENGLISH	ENGLISH - 4
MAJOR	SOIL & AGRICULTURAL MICROBIOLOGY
ALLIED	BIOSTATISTICS
PRACTICAL	SOIL & AGRICULTURAL MICROBIOLOGY
PRACTICAL	ALLIED BIOSTATISTICS
SOFTSKILL	COMPUTING SKILL - 1
ENVIRONMENTAL SCIENCE	

V SEMESTER	
MAJOR	MEDICAL BACTERIOLOGY
MAJOR	MEDICAL MYCOLOGY & PARASITOLOGY
MAJOR	MEDICAL VIROLOGY
ELECTIVE	GENETIC ENGINEERING
PRACTICAL	MEDICAL MICROBIOLOGY
VALUE EDUCATION	

VI SEMESTER	
MAJOR	ENVIRONMENTAL MICROBIOLOGY
MAJOR	FOOD & DAIRY MICROBIOLOGY
ELECTIVE	INDUSTRIAL & PHARMACEUTICAL MICROBIOLOGY
ELECTIVE	BIOTECHNOLOGY
PRACTICAL	FOOD & DAIRY MICROBIOLOGY
EXTENSION SERVICE	

<http://www.unom.ac.in/unom/uploads/admissions/cbcs/2008-2009/revbscmicro2012.pdf>