

Dr M.G.R. Educational and Research Institute

Department of Biotechnology

B.Sc. - Biochemistry

Curriculum with Electives

CREDIT DISTRIBUTION

I semester	20
II semester	20
III semester	24
IV semester	22
V semester	23
VI semester	21

TOTAL 130



C. B. Palanivelu

REGISTRAR
Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
(Deemed to be University)
Periyar E.V.R. High Road,
Maduravoyal, Chennai 600 095

Criteria 1 co-ordinator

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Head of the Department

Rajeswary Hari

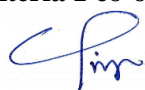
Dr. M.G.R. Educational and Research Institute
University
Department of Biochemistry
Curriculum & Syllabus

I SEMESTER					
Sub Code	Subjects	L	T	P	C
Theory					
HBTA17001	Part-I : Tamil /Hindi/French – Paper-I	3	0	0	3
HBEN17001	Part-II : English - Paper I	3	0	0	3
HBCH19BA1	Allied I: Chemistry-I	3	1	0	4
HBBT19B01	Cell Biology & Genetics	3	1	0	4
HBBT19B02	Fundamentals of Computers	3	1	0	4
Laboratory/Practice					
HBBT19BL1	Chemistry Lab	0	0	3	2
Total credits		20			

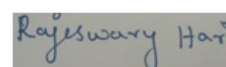
II SEMESTER					
Sub Code	Subjects	L	T	P	C
Theory					
HBTA17002	Part-I : Tamil/Hindi/French - Paper II	3	0	0	3
HBEN17002	Part -II: English – Paper II	3	0	0	3
HBCH19BA2	Allied II : Chemistry-II	3	1	0	4
HBBT19B03	Bio Molecular Chemistry	3	1	0	4
HBBT20B04	Molecular Biology and r-DNA Technology	3	1	0	4
Laboratory/Practice					
HBBT19BL2	Biochemistry Lab	0	0	3	2
Total credits		20			

III SEMESTER					
Sub Code	Subjects	L	T	P	C
Theory					
HBBT19B05	Instrumentation methods and Analysis	3	1	0	4
HBMA19BA3	Allied III : Biostatistics -I	3	1	0	4
HBBT19B06	Enzymology	3	1	0	4
HBBT19B07	Human physiology	3	1	0	4
BHS20ET5	Universal human values 2: understanding Harmony	2	1	0	3
HBMG17L01	Soft skill I	1	0	2	2
Laboratory/Practice					
HBBT19BL3	Instrumentation methods and Analysis Lab	0	0	3	2
Total credits		24			

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IV SEMESTER					
Sub Code	Subjects	L	T	P	C
Theory					
HBMA19BA4	Allied IV : Biostatistics-II	3	1	0	4
HBBT19B09	Intermediary Metabolism-I	3	1	0	4
HBBT19B10	Immunology	3	1	0	4
HBBT19B11	Microbiology	3	1	0	4
HBMG17L02	Soft skill II	1	0	2	2
Laboratory/Practice					
HBBT19BL4	Immunology Lab	0	0	3	2
HBBT19BL5	Microbiology Lab	0	0	3	2
Total credits	22				

V SEMESTER					
Sub Code	Subjects	L	T	P	C
Theory					
HBBT19B12	Intermediary Metabolism- II	3	1	0	4
HBBT19B13	Clinical Biochemistry	3	1	0	4
HBBT19B14	Food & Nutrition	3	1	0	4
HBMG17001	Environmental studies	3	0	0	3
HBBT19B15	Basic Pharmaceutical Sciences	3	1	0	4
Laboratory/Practice					
HBBT19BL6	Clinical Biochemistry lab	0	0	3	2
HBBT19BL7	Food and Enzyme Analysis Lab	0	0	3	2
Total credits	23				

VI SEMESTER					
Sub Code	Subjects	L	T	P	C
Theory					
HBBT19B16	Data Base Management	3	1	0	4
HBBT19B17	Basic Bioinformatics	0	1	0	4
HBBT20EXX	Elective 1	3	0	0	3
Laboratory/Practice					
HBBT17P01	Project work & Viva-voce	0	0	24	10
Total credits	21				

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