

**SARDAR PATEL UNIVERSITY, VALLABH VIDYA NAGAR**  
**M.Sc. Biomedical Science, Semester- IV**  
**(Effective from Academic Year 2014-15)**

**Choice- I: Four Theory+ Project Work**

Course Code	Course Title	Teaching Scheme (Hours Per week)					Evaluation (Marks)		
		L	S	P	Total Hrs	Total Credits	Internal	External	Total
PT04CBMC01	Medical Imaging, Medical Sensors and Diagnostics	3	1	-	4	4	30	70	100
PT04CBMC02	Advanced Biomaterials and Related Anatomy	3	1	-	4	4	30	70	100
PT04CBMC03	Clinical Pharmacology and Toxicology	3	1	-	4	4	30	70	100
PT04EBMC01	Biodynamics	3	1	-	4	4	30	70	100
PT04EBMC02	Immunobiology	3	1	-	4	4	30	70	100
PT04CBMC04	Project Work	-	-	12	12	8	60	140	200
PT04CBMC05	Comprehensive Viva	-	-	-	1	1	-	50	50

**Credits (per semester\*)**

Theory + Seminar	: 16
Project Work	: 08
Comprehensive Viva	: 01
<b>Total</b>	<b>: 25</b>

**Choice- II: Two Theory+ One Practical Course +Project Work**

Course Code	Course Title	Teaching Scheme (Hours Per week)					Evaluation (Marks)		
		L	S	P	Total Hrs	Total Credits	Internal	External	Total
PT04CBMC01	Medical Imaging, Medical Sensors and Diagnostics	3	1	-	4	4	30	70	100
PT04CBMC02	Advanced Biomaterials and Related Anatomy	3	1	-	4	4	30	70	100
PT04CBMC06	Experimental Methods- V	-	-	6	6	4	30	70	100
PT04CBMC07	Project Work	-	-	12	12	12	90	210	300
PT04CBMC08	Comprehensive Viva	-	-	-	1	1	-	50	50

**Credits (per semester\*)**

Theory + Seminar	: 08
Practical	: 04
Project Work	: 12
Comprehensive Viva	: 01
<b>Total</b>	<b>: 25</b>

**Choice- III: Project Work (06 months)**

Course Code	Course Title	Total Credits	Evaluation (Marks)
PT04CBMC09	Project Work	24	600
PT04CBMC10	Comprehensive Viva	1	50

**Credits (per semester\*)**

Project Work	: 24
Comprehensive Viva	: 01
<b>Total</b>	<b>: 25</b>