



**SARDAR PATEL UNIVERSITY,
VALLABH VIDYA NAGAR
(Reaccredited with 'A' Grade by NAAC (CGPA3.25)
Syllabus with effect from the Academic Year 2021-22**

**PROGRAMME STRUCTURE
Integrated Bachelor and Master Programmes in Biomedical Science
IBMP (Dietetics) Semester (II)**

Programme outcome (PO) -for MSc Biomedical Science programme	
Program Specific Outcome (PSO) – For MSc Biomedical Science Semester-I	On successful completion of the course the students are expected to: <ul style="list-style-type: none">• Demonstrate a conceptual understanding of the core areas of the basic biomedical sciences.• Apply fundamental concepts of the biomedical sciences to Human health issues, in particular, prevention, diagnosis, and treatment of disease.• Recognize the contribution of the basic biomedical sciences to advancing human health.• Develop the skills to remain current in the biomedical sciences and critically evaluate scientific literature.• Develop critical thinking skills for applying scientific knowledge in Biomedical Science to problem-solving skills.

Type of Course	Course Code	Name of Course	T/P	Credit	Exam Duration	Component of Marks		
						Internal	External	Total
						Total/Passing	Total/Passing	Total/Passing
Core-1	IS02CDET51	Biophysics	T	4	3 Hrs	30/12	70/28	100/40
Core-2	IS02CDET52	Developmental Biology	T	4	3 Hrs	30/12	70/28	100/40
Core-3	IS02CDET53	Practical Based on IS01CDET51 &IS02CDET52	P	1	2 Hrs	15/06	35/14	50/20
Core-4	IS02CDET54	Anatomy and Physiology-II	P	4	3Hrs	30/12	70/28	100/40
Core-5	IS02CDET55	Biochemistry	T	4	3 Hrs	30/12	70/28	100/40
Core-6	IS02CDET56	Practical Based on IS01CDET54 &IS02CDET55	P	1	2Hrs	15/06	35/14	50/20
Ability Enhancement	IS02ADET51	English-II	T	2	2 Hrs	15/06	35/14	50/20
Skill Enhancement	IS02SDET51	Communication Skills	T	2	2 Hrs	15/06	35/14	50/20
Total				22				