

**Program Structure of MSc Clinical Nutrition and Dietetics (2-years) and
MSc Clinical Nutrition and Dietetics (1-year)**

**Division of Clinical Research
Department of Biosciences, SBAS**

Scheme: 2023-25

Curriculum Structure (2023-25)

M.Sc. Clinical Nutrition and Dietetics (2 years)

SEMESTER I						
S. No.	Course Code	Course Name	L	T	P	C
1.		Advanced Nutrition	3	0	0	3
2.		Research Methodology and Biostatistics	4	0	0	4
3.		Human Physiology	3	0	0	3
4.		Nutrition During Life Cycle	3	0	2	5
5.		Food Microbiology and Toxicology	3	0	0	3
6.		Hospital and Healthcare Administration	3	0	0	3
7.		Laboratory Operation Techniques	2	0	0	0
		TOTAL	21	0	2	21
SEMESTER II						
S. No.	Course Code	Course Name	L	T	P	C
1		Clinical Nutrition	4	0	2	6
2		Nutritional Biochemistry	3	0	0	3
3		Nutraceuticals and Functional Foods	3	0	0	3
4		Advanced Food Science	3	0	0	3
5		Fundamental of Clinical Research	3	0	0	3
6		Elective-1	3	0	0	3
7		Computational and Graphical Tools	2	0	0	0
		TOTAL	21	0	2	21

SEMESTER III						
S. No.	Course Code	Course Name	L	T	P	C
1		Therapeutic Nutrition	3	0	0	3
2		Nutrition in Special Conditions	3	0	0	3
3		Food Analysis	3	0	2	5
4		Advanced Community Nutrition	3	0	0	3
5		Food Quality Assurance	3	0	0	3
6		Dietetics and Counselling	3	0	0	3
7		Elective-2	3	0	0	3
8		Start up, Innovation, Incubation and Entrepreneurship	2	0	0	0
		TOTAL	23	0	4	23
SEMESTER IV						
S. No.	Course Code	Course Name	L	T	P	C
1		Project and Dissertation	0	0	30	15
2		Academic Report writing and Funding Opportunities	2	0	0	0
		TOTAL	2	0	30	15

List of Electives (2nd Semester)

S.No.	Semester	Code	Course name	L	T	P	C
1.	II		ICH GCP and ICMR Guidelines	3	0	0	3
2.	II		Designing Clinical Trials	3	0	0	3
3.	II		Bioethics and Biosafety	3	0	0	3

List of Electives (3rd Semester)

S.No.	Semester	Code	Course name	L	T	P	C
1.	III		Epidemiological Studies	3	0	0	3
2.	III		Regulatory Affairs and Ethics in Clinical Research	3	0	0	3
3.	III		Agriculture Biotechnology	3	0	0	3

Curriculum Structure (2023-24)

M.Sc. Clinical Nutrition and Dietetics (1 year)

SEMESTER I						
S. No.	Course Code	Course Name	L	T	P	C
1.		Therapeutic Nutrition	3	0	0	3
2.		Advanced Food Science	3	0	0	3
3.		Nutraceuticals and Functional Foods	3	0	0	3
4.		Nutrition During Life Cycle	3	0	2	5
5.		Food Microbiology and Toxicology	3	0	0	3
6.		Elective-1	3	0	0	3
7.		Laboratory Operation Techniques	2	0	0	0
		TOTAL	20	0	2	20
SEMESTER II						
S. No.	Course Code	Course Name	L	T	P	C
1.		Clinical Nutrition	3	0	2	5
2.		Nutrition in Special Conditions	3	0	0	3
3.		Food Quality Assurance	3	0	0	3
4.		Advanced Community Nutrition	3	0	0	3
5.		Dietetics and Counselling	3	0	0	3
6.		Elective-2	3	0	0	3
7.		Start up, Innovation, Incubation and Entrepreneurship	2	0	0	0
		TOTAL	20	0	2	20

List of Electives (1st Semester)

S.No.	Semester	Code	Course name	L	T	P	C
1.	I		ICH GCP and ICMR Guidelines	3	0	0	3
2.	I		Designing Clinical Trials	3	0	0	3
3.	I		Bioethics and Biosafety	3	0	0	3

List of Electives (2nd Semester)

S.No.	Semester	Code	Course name	L	T	P	C
1.	II		Epidemiological Studies	3	0	0	3
2.	II		Regulatory Affairs and Ethics in Clinical Research	3	0	0	3
3.	II		Agriculture Biotechnology	3	0	0	3