



J.D Birla Institute
Department of Food Science & Nutrition Management

PROPOSED CURRICULUM
for M.Sc in Food & Nutrition

SL. NO.	PAPER CODE	PAPER		MARKS	SL. NO.	PAPER CODE	PAPER		MARKS
Semester-I					Semester-II				
1	MFN101	Statistics-I	Th	50	1	MFN201	Statistics-II	Th	50
2	MFN102	Functional Foods	Th	50	2	MFN202	Research Methodology	Th	50
3	MFN103	Food Toxicology	Th	50	3	MFN203	Clinical Nutrition	Th	100
4	MFN104	Nutritional Biochemistry	Th	100	4	MFNP204	Clinical Nutrition	Pr	100
5	MFNP105	Nutritional Biochemistry	Pr	100	5	MFNP205	Advanced Food Microbiology	Pr	50
6	MFNP106	Computer Application and Information Communication Technology	Pr	50	6	MFNP206	Term Assignments	Pr	50
TOTAL				400	TOTAL				400
Semester-III					Semester-IV				
1	MFN301	Nutrition for Geriatrics	Th	50	1	MFN401	Advanced Food Quality & Analysis (Th)	Th	50
2	MFN302	Food Technology	Th	100	2	MFNP402	Advanced Food Quality & Analysis (Pr)	Pr	100
3	MFNP303	Quantity Food Production	Pr	100	3	MFNP403	Dissertation	Pr	150
4	MFNP304	Public Health Nutrition	Pr	50	4	MFNP404	Internship Training	Pr	100
5	MFNP305	Field Visit & Seminar	Pr	50					
6	MFNP306	Minor Project	Pr	50					
TOTAL				400	TOTAL				400
GRAND TOTAL - 1600									



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CALCULATION OF TOTAL HOURS

Each semester has 3 theory papers of 200 marks and three practical papers of 200 marks except the 4th semester

Total Time Calculation for the entire course

- Number of hours per day = 6 hrs
- Number of hours on Saturday – 3 hrs
- Number of hours per week = 33 hrs
- Number of weeks per semester = 15
- Number of hours per semester = 495
- Number of semesters = 4

Total Number of hours = 1900

Details	Marks for Theory Papers	Number of classes per week	No. of hours per week (Each class is of 45 min duration)	No. of weeks per semester	Total Number of Hours
Theory	650	4 classes for 50 marks paper and 6 classes for 100 marks paper $(7 \times 4) + (3 \times 6) = 46$	34.5 hrs	15	517.5
Practical	550	4 classes for 50 marks paper and 8 classes for 100 marks paper 44	33 hrs	15	495
Dissertation, Project, Term Assignments, Seminars and Field Visit	300	Rough Calculation			405 **
Internship Training	100	8 hrs per day for 48 days (days a week for 8 weeks)			270
Extra-curricular and Co-curricular activities	1 hr per week for (15 X 4) weeks = 60 hrs (for entire semester)				60
Library Reading	3 hrs per week for (15 X 4) weeks = 180 hrs (for entire semester)				180
				TOTAL	1927.5

** Dissertation = 12 periods per week for 15 weeks
 Project = 4 periods per week for 15 weeks
 Term Assignment = 2 periods per week for 15 weeks
 Seminar = 2 periods per week for 15 weeks
 Field Visit = 4 periods per week for 15 weeks
TOTAL – 270 hrs