

B. K. Birla College (Autonomous), Kalyan
M.Sc. Food Science and Nutraceuticals

Intake Capacity: 40

Eligibility: B.Sc. (Botany/Zoology/Microbiology/Chemistry/Biotechnology/
Biochemistry/Life Science), Degree in Food & Nutrition, Pharmacy, Medical Sciences,
B.Sc./B.Sc.(Hons.) in Integrative Nutrition and Dietetics, B.Sc. Home Science (with at least 2
papers in Food Science, Nutrition and Dietetics or any other equivalent subject at UG level)

Duration: 2 years (4 Semesters)

	Paper	Paper Name	
		Semester I	Semester II
Major	Theory 1	Fundamental of Food science and Nutraceuticals	Food microbiology and Food safety
	Theory 2	Nutritional Biochemistry	Human Physiology
	Theory 3	Functional Food and Nutraceuticals	Clinical Dietetics and Therapeutic nutrition
	Practical 1	Practical 1	Practical 1
	Practical 2	Practical 2	Practical 2
Elective	1	Nutrition during life span	Nutritional assessment
	2	Fruits and Vegetable Technology	Dairy Technology
Minor		Research Methodology	-
OJT		-	Internship

		Semester III	Semester IV
Major	Theory 1	Fermentation technology and Food processing	Total Quality Management and Regulatory Affairs
	Theory 2	Food Additives and sensory evaluation	Development and marketing of Nutraceutical products
	Theory 3	Market trends and legal aspects of Nutraceuticals and Functional Foods and Food Allergens	Food plant sanitation
	Practical 1	Practical 1	Practical 1
	Practical 2	Practical 2	Practical 2
Elective	1	Bioinformatics	Entrepreneurship and Food business management
	2	Technology of cereal, pulses, and oilseeds	Bakery technology
Minor		Project	Project

