



INSTITUTE OF BIOSCIENCES & TECHNOLOGY

COURSE LAY OUT FOR GRADUATE DEGREE PROGRAM

PG Programs: M.Sc. (All Degree Program)

(Biotechnology, Bioinformatics, Microbiology, Food technology and Processing & Food Nutrition Dietetics)

Summary of Credit Load Layout

Sr. No.	Courses	Credits	Credits (%)
1.	Major Courses		
a.	Core Courses	27	32.14
b.	MRP (Micro, Mini, Major, Big Idea)	23	27.38
c.	Seminar (Subject Based Seminar:Iand Research Paper Based SeminarII& III)	03	3.57
d.	Academic Tutorial	08	9.52
	Total Major courses Credits	61	72.61
2	Minor Courses	16	19.04
3	Supportive Courses		
a.	Open Elective Courses	03	3.57
b.	Blended Courses	04	4.76
	Total Supportive Courses Credits	07	8.33
	Total Credits	84	100
	Grand Total Credits	84	-

*MRP:Master's Research Program

Credit Load Layout

Semester	Course credit details							Total	Grand Total Credits
	Major				Minor	Supportive			
	Core	MRP	Seminar	Academic Tutorial		OEC	Blended Course		
I	10	3	1	2	4	1	0	21	21
II	11	3	1	2	5	2	0	24	24
III	06	7	1	2	4	0	2	22	22
IV	0	10	0	2	3	0	2	17	17
Total Credits	27	23	3	08	16	3	4	84	84

(Subject Based Seminar: Iand Research Paper Based Seminar II& III) *Supportive Course:Blended Courses

Justification of the Supportive course (OEC and Blended course):

- Open Elective Course (OEC):**Compulsory courses for semester I &II
- Blended Course:**Choose Blended CoursesinIII & IV Semester.

The Certificate course should be of 35-45(if) hours / Semester. It is compulsory course during the degree program.The details mentioned in course layout

Justification of the MRP (Master's Research Program): it is a need based research theme (Industrial/Agriculture /Pharmaceutical) throughout the PG degree program i.e. Micro projects, Mini projects, Major projects, Big Idea projects (I to IV). The details mentioned in course layout

Abbreviations:

SBS: Subject Based Seminar, RBS: Research Based Seminar, BC: Blended Course,

OEC: Open Elective Course