			Courses offered b
Sr. No.	**Programme**	**Name of Course**	
1	B.Sc Major in Botany	Plant Diversity and Microbes	**250/BOT/CC101**
2	B.Sc Major in Botany	Fundamental of Cell Biology	**250/BOT/CC102**
3	B.Sc Major in Botany	Basic laboratory Techniques in Plant biology	**250/BOT/CC103**
4	B.Sc Major in Botany	Plant Anatomy	**250/BOT/CC201**
5	B.Sc Major in Botany	Plant Resource Utilization	**250/BOT/CC202**
6	B.Sc Major in Botany	Plant Molecular Biology	**250/BOT/CC203**
7	B.Sc Major in Botany	Diversity of Algae	**250/BOT/CC301**
8	B.Sc Major in Botany	Diversity of Fungi and Phytopathology	**250/BOT/CC302**
9	B.Sc Major in Botany	Fundamentals of genetics	**250/BOT/CC303**
10	B.Sc Major in Botany	Diversity of Bryophytes and Pteridophytes	**250/BOT/CC401**
11	B.Sc Major in Botany	Diversity of Gymnosperm and Paleobotany	**250/BOT/CC402**
12	B.Sc Major in Botany	Reproductive Biology of Angiosperm	**250/BOT/CC403**
13	B.Sc Major in Botany	Plant Biotechnology	**250/BOT/CC501**
14	B.Sc Major in Botany	Plant Physiology	**250/BOT/CC502**
15	B.Sc Major in Botany	Ecology and Phytogeography	**250/BOT/CC503**

16	B.Sc Major in Botany	Plant Biochemistry and Metabolism	**250/BOT/CC601**
17	B.Sc Major in Botany	Plant Systematics	**250/BOT/CC602**
18	B.Sc Major in Botany	Genomics and Bioinformatics	**250/BOT/CC603**
19	B.sc Life Sciences	Diversity of Microbes,Algae,Fungi &	**240/BOTL/CC101**
20	B.sc Life Sciences	Plant Taxonomy and Ecology	**240/BOTL/CC201**
21	B.sc Life Sciences	Plant Physiology	**240/BOTL/CC301**
22	B.sc Life Sciences	Cytology and Genetics	**240/BOTL/CC401**
23	B.Sc Life Sciences	Economic Botany and Plant Biotechnology	**240/BOTL/CC501**
24	B.Sc Life Sciences	Plant Anatomy and Embryology	**240/BOTL/CC601**
25	All courses	Fundamental of Botany	**240/BOT/MD101**
26	All courses	Economic Botany	**240/BOT/MD201**
27	All courses	Ornamental Plants	**240/BOT/MD301**
28	B.sc Life Sciences & B.Sc Major in Botany	Plant Hybridization	**250/BOT/SE101**
29	B.sc Life Sciences & B.Sc Major in Botany	Vertical Farming	**250/BOT/SE201**
30	B.sc Life Sciences & B.Sc Major in Botany	Olericulture	**250/BOT/SE601**

31	B.sc Life Sciences and B.Sc Major in Botany	Plant Diversity	**240/BOT/MI101**
32	B.sc Life Sciences & B.Sc Major in Botany	Plant for Human Welfare	**240/BOT/MI201**
33	B.sc Life Sciences and B.Sc Major in Botany	Organic Farming	**240/BOT/MI301**
34	B.sc Life Sciences and B.Sc Major in Botany	Floriculture	**240/BOT/MI601**
35	All courses	Environmental studies	**240/EVS/VAC/101**
36	All courses	Environmental studies	**240/EVS/VAC/101**
37	All courses	Plants in Everyday life	**240/BOT/VA/401**
38	B.sc Life Sciences& B.Sc Major in Botany	Nursery & Gardening	**240/BOT/VO401**
39	B.sc Life Sciences and B.Sc Major in Botany	Mushroom cultivation	**240/BOT/VO501**
40	B.sc Life Sciences and B.Sc Major in Botany	Medicinal plants of India	**240/BOT/VO601**

41	Master of Science (Botany)	Algae and Fungi	**241/BOT/CC101**
42	Master of Science (Botany)	Molecular Biology	**241/BOT/CC102**
43	Master of Science (Botany)	Cell Biology	**241/BOT/CC103**
44	Master of Science (Botany)	Genetic Engineering	**241/BOT/DS101**

Govt. College for Girls Sec-14, Gurugram

ɔy Department of Botany (1st year, 2nd year & 3rd year under NEP)

Type of Course	Credits (Theory)	Credits (Practical)	Total Credits	Theory Ext.(TE)	Theory Int Marks	Total Theroy Marks	Practical Ext Marks
B.Sc Major in Botany							
		Semester-1					
CC-A1	3	1	4	50	25	75	20
CC-A2	3	1	4	50	25	75	20
CC-A3	3	1	4	50	25	75	20
		Semester-2					
CC-A4	3	1	4	50	25	75	20
CC-A5	3	1	4	50	25	75	20
CC-A6	3	1	4	50	25	75	20
		Semester-3					
CC-A7	3	1	4	50	25	75	20
CC-A8	3	1	4	50	25	75	20
CC-A9	3	1	**4**	50	25	75	20
		Semester-4					
CC-A10	3	1	4	50	25	75	20
CC-A11	3	1	4	50	25	75	20
CC-A12	3	1	4	50	25	75	20
		Semester-5					
CC-A13	3	1	4	50	25	75	20
CC-A14	3	1	4	50	25	75	20
CC-A15	3	1	4	50	25	75	20

		Semester-6					
CC-A16	3	1	4	50	25	75	20
CC-A17	3	1	4	50	25	75	20
CC-A18	3	1	**4**	50	25	75	20

BSc Life sciences

		Semester-1					
CC-A1	3	1	4	50	25	75	20
		Semester-2					
CC-A2	3	1	4	50	25	75	20
		Semester-3					
CC-A3	3	1	4	50	25	75	20
		Semester-4					
CC-A4	3	1	4	50	25	75	20
		Semester-5					
CC-A5	3	1	4	50	25	75	20
		Semester-6					
CC-A6	3	1	4	50	25	75	20

MDC POOL

		Semester-1					
MDC - 1	2	1	3	35	15	50	20
		Semester-2					
MDC - 2	2	1	3	35	15	50	20
		Semester-3					
MDC - 3	2	1	3	35	15	50	20

SEC POOL

		Semester-1					
SEC-1	1	2	3	20	5	25	35
		Semester-2					
SEC-2	1	2	3	20	5	25	35
		Semester-6					
SEC-6	1	2	3	20	5	25	35

MIC POOL

Semester-1

MIC-1	1	1	2	20	5	25	20

Semester-2

MIC-2	1	1	2	20	5	25	20

Semester-3

MIC-3	2	2	4	35	15	50	35

Semester-6

MIC-6	2	2	4	35	15	50	35

VAC POOL

Semester-1

VAC-1	2	0	2	35	15	50	N.A

Semester-2

VAC-1	2	0	2	35	15	50	N.A

Semester-4

VAC-3	2	0	2	35	15	50	N.A

VOC POOL

Semester-4

VOC-1	2	2	4	35	15	50	35

Semester-5

VOC-2	2	2	4	35	15	50	35

Semester-6

VOC-3	2	2	4	35	15	50	35

Master of Botany (Botany)

Semester -1

CC-A01	3	1	4	50	25	75	20
CC-A02	3	1	4	50	25	75	20
CC-A03	3	1	4	50	25	75	20
DSE-01	2	1	3	35	15	50	20

Practical Int Marks	Total Practical Marks	Total marks	UG/PG
5	25	100	UG
5	25	100	UG
5	25	100	UG
5	25	100	UG
5	25	100	UG
5	25	100	UG
5	25	100	UG
5	25	100	UG
5	25	**100**	UG
5	25	100	UG
5	25	100	UG
5	25	100	UG
5	25	100	UG
5	25	100	UG
5	25	100	UG

5	25	100	UG
5	25	100	UG
5	25	**100**	UG
5	25	100	UG
5	25	100	UG
5	25	100	UG
5	25	100	UG
5	25	100	UG
5	25	100	UG
5	25	75	UG
5	25	75	UG
5	25	75	UG
15	50	75	UG
15	50	75	UG
15	50	75	UG

5	25	50	UG
5	25	50	UG
15	50	100	UG
15	50	100	UG
N.A	N.A	50	UG
N.A	N.A	50	UG
N.A	N.A	50	UG
15	50	100	UG
15	50	100	UG
15	50	100	UG
5	25	100	PG
5	25	100	PG
5	25	100	PG
5	25	75	PG