



Ph.D. (Horticulture) Vegetable Science

PROGRAM SCHEME

School of Agriculture

ITM University, Gwalior, Madhya Pradesh 474001

Semester I

Sl. No.	Course Title	Subject Code	Credits	Course Distribution			Total work load Hrs./Week	Nature
				L	P	S/R		
1	Recent Trends in Vegetable Production	VSC-601	3+0	3	0	0	3	Major
2	Abiotic Stress Management in Vegetable Crops	FSC-603	2+1	2	1	0	4	Major
3	Principles of Plant Breeding	GPB- 502	2+1	2	1	0	4	Minor
4	Experimental Designs	STAT-511	2+1	2	1	0	4	Supporting
5	Library and Information Services	PGS- 501	0+1	0	1	0	2	Compulsory Non-Credit
6	Intellectual Property and its Management in Agriculture	PGS- 503	1+0	1	0	0	1	Compulsory Non-Credit
7	Technical Writing and Communication Skill	PGS- 502	0+1	0	1	0	2	Compulsory Non-Credit
8	Doctoral Seminar I	VSC-691	0+1	0	1	0	1	Credit Seminar
Total Credits		13(9+4)						

Semester II

Sl. No.	Course Title	Subject Code	Credits	Course Distribution			Total work load Hrs./Week	Nature
				L	P	S/R		
1	Advances in Breeding of Vegetable Crops	VSC- 602	3+0	3	0	0	3	Major
2	Seed Certification, Processing and Storage of Vegetable Crops	VSC- 604	2+1	2	1	0	3	Major
3	Modern Concepts in Crop Production	AGRON-501	3+0	3	0	0	4	Minor
4	Data Analysis Using Statistical Package	STAT-522	2+1	2	1	0	4	Supporting
5	Basic concept in laboratory techniques	PGS-504	0+1	0	1	0	2	Compulsory Non-credit
6	Agriculture research, research ethics and rural development programme	PGS-505	1+0	1	0	0	1	Compulsory Non-credit
7	Doctoral Seminar II	VSC-692	0+1	0	1	0	1	Credit Seminar
8	Doctoral Research	VSC- 699	0+15	0	15	0	15	Research
Total Credits		13(10+3)						

Semester III

1	Doctoral Research	VSC- 699	0+15	0	15	0	15	Research
Total Credits		0+15						

Semester IV

1	Doctoral Research	VSC- 699	0+15	0	15	0	15	Research
Total Credits		0+15						

Semester V

1	Doctoral Research	VSC- 699	0+15	0	15	0	15	Research
Total Credits		0+15						

Semester VI

1	Doctoral Research	VSC- 699	0+14	0	14	0	14	Research
2	Doctoral Thesis Seminar	VSC- 699	-	-	-	-	-	Doctoral Seminar
Total Credits		0+15						

Note:

¹The above stated supporting courses are indicative however student may opt other course as per the Ph.D. dissertation work.

²Compulsory non-credit courses are only applicable for those students who have not completed in their respective Master's programme.