



Ph.D. Agriculture (Agronomy)

PROGRAM SCHEME

School of Agriculture,

ITM University, Gwalior, Madhya Pradesh 474001

SEMESTER I

Sr. No	Course Code	Course Title	Teaching		Evaluation			Credit
			L	P	CA	ESE	Total	
1.	AGRON-601	Current trends in Agronomy*	3	0	50	50	100	3+0
2.	AGRON-602	Recent trends in Crop growth & productivity*	2	1	50	50	100	2+1
3.	AGRON-605	Integrated farming systems for sustainable Agriculture*	2	0	50	50	100	2+0
4.	AGRON-606	Soil conservation and watershed management*	2	1	50	50	100	2+1
5.	Soil-602	Modern concept in soil fertility**	2	0	50	50	100	2+0
6.	Soil-605	Bio-chemistry of soil organic matter**	2	0	50	50	100	2+0
7.	PRPM-0101	Research Methodology***	2	1	-	-	-	2+1
8.	PRPE-0104	Research Publication and Ethics***	2	0	-	-	-	2+0
Total			17	3	300	300	600	17+3

*Compulsory Courses, **Minor courses, ***Supporting courses

SEMESTER II

Sr. No	Course Code	Course Title	Teaching		Evaluation			Credit
			L	P	CA	ESE	Total	
1.	AGRON-603	Irrigation management*	2	1	50	50	100	2+1
2.	AGRON-604	Recent trends in weed management*	2	0	50	50	100	2+0
3.	Soil-609	Recent trends in soil microbial biodiversity**	2	1	50	50	100	2+1
4.	STAT-502	Statistical Methods for Applied Science	3	1	50	50	100	3+1
5.	STAT-522	Data Analysis Using Statistical Packages	2	1	50	50	100	2+1
6.	AGRON-699	Doctoral research	-	15	-	-	-	0+15
Total			11	4	250	250	500	11+4

*Compulsory Courses, ** Minor Course

SEMESTER III

Sr. No	Course Code	Course Title	Teaching		Evaluation			Credit
			L	P	CA	ESE	Total	
1.	AGRON-691	Doctoral seminar-I*	-	1	-	100	100	0+1
2.	AGRON-699	Doctoral research	-	15	-	-	-	0+15
		Total	-	1	100	100	100	0+1

*Compulsory Courses

SEMESTER IV

Sr. No	Course Code	Course Title	Teaching		Evaluation			Credit
			L	P	CA	ESE	Total	
1.	AGRON-692	Doctoral seminar-II*	-	1	-	100	100	0+1
2.	AGRON-699	Doctoral research	-	15	-	-	-	0+15
		Total	-	1	-	100	100	0+1

*Compulsory Courses

SEMESTER V

Sr. No	Course Code	Course Title	Teaching		Evaluation			Credit
			L	P	CA	ESE	Total	
1.	AGRON-699	Doctoral research	-	15	-	-	-	0+15

SEMESTER VI

Sr. No	Course Code	Course Title	Teaching		Evaluation			Credit
			L	P	CA	ESE	Total	
1.	AGRON-699	Doctoral research	-	15	-	-	-	0+15

Note: L- Lecture; P- Practical; CA- Continuous Assessment; ESE-End Semester Examination