

SCHEME

Master of Science in Agriculture
(As per, 5th Dean Committee of ICAR)

Faculty of Agriculture Science & Technology
Department of Agriculture Science



Study and Evaluation Scheme
of

M. Sc. (Ag.) Genetics and Plant Breeding

(Applicable w.e.f. Academic Session 2018 to till revised)

Duration of Course: 02 year
Mode of Examination: Semester

SWAMI VIVEKANAND
UNIVERSITY, SIRONJA, SAGAR,
(M.P.)

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Swami Vivekanand University, Sagar (M.P.)



Scheme- First Semester M.Sc. (Genetics and Plant Breeding)

Paper Code	Paper Name	Credit	Theory	Sessional	Total		Practical	
			Max.	Max.	Max.	Min.	Max.	Min.
GPB-501	Principles of Genetics	3(2+1)	80	20	100	50	50	30
GPB-502	Principles of Cytogenetic	3(2+1)	80	20	100	50	50	30
GPB-503	Principles of Plant Breeding	3(2+1)	80	20	100	50	50	30
GPB-504	Cell Biology and Molecular Genetics	3(2+1)	80	20	100	50	50	30
PP-502	Mycology	3(2+1)	80	20	100	50	50	30
PP-504	Detection and Diagnosis of Plant Diseases	2(0+2)	-	-	-	-	100	60
STAT-501	Statistical Methods for Applied Sciences	4(3+1)	80	20	100	50	50	30
PGS-501	Basic Concept in Laboratory Techniques	N.C.		Satisfactory/Non Satisfactory				
PGS-502	Agricultural Research, Research Ethics and Rural Development Programmes	N.C.		Satisfactory/Non Satisfactory				
Total		21(13+8)	480	120	600	300	400	240



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Scheme- Second Semester M.Sc. (Genetics and Plant Breeding)

Paper Code	Paper Name	Credit	Theory	Seasonal	Total		Practical	
			Max.	Max.	Max.	Min.	Max.	Min.
GPB-511	Principles of Quantitative Genetics	3(2+1)	80	20	100	50	50	30
GPB-512	Biotechnology for Crop Improvements	3(2+1)	80	20	100	50	50	30
GPB-513	Maintenance Breeding and Concept of Variety Release and Seed Production	2(1+1)	80	20	100	50	50	30
PP-512	Integrated Disease Management	3(2+1)	80	20	100	50	50	30
PP-513	Mushroom Production Technology	3(2+1)	80	20	100	50	50	30
STAT-511	Design of Experiments	3(2+1)	80	20	100	50	50	30
PGS-511	Library and Information Services	N.C.		Satisfactory /non Satisfactory				
PGS-512	Intellectual Property and its Management in Agriculture	N.C.		Satisfactory /non Satisfactory				
Total		17(11+6)	480	120	600	300	300	180



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Scheme- Third Semester M.Sc. (Genetics and Plant Breeding)

Paper Code	Paper Name	Credit	Theory	Seasonal	Total		Practical	
			Max.	Max.	Max.	Min.	Max.	Min.
GPB-591	Masters Seminar	1(0+1)	-	-	-	-	100	50
GPB-599	Masters Research (Under Process)	10(0+10)		Satisfactory /Non Satisfactory				
PGS-521	Technical Writing and Communication Skill	N.C.	-	-	-	-	-	-
PGS-522	Disaster Management	N.C.	-	-	-	-	-	-
SVN-500	Charitra Nirman Evam Samgra Vyaktitva Vikas	N.C.						
Total		11(0+11)					100	50



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**Scheme- Fourth Semester
M.Sc. (Genetics and Plant Breeding)**

Paper Code	Paper Name	Credit	Theory	Seasonal	Total		Practical	
			Max.	Max.	Max.	Min.	Max.	Min.
GPB-599	Masters Research (Accepted)	10(0+10)	-	Satisfactory /Non Satisfactory	-	-	-	-