

**Gondwana University, Gadchiroli**  
**Faculty of Science & Technology**  
**Two Years Regular Post Graduate Program: M.Sc. (Botany)**  
**Semester-I**

**Course and Examination Scheme- 2023-2024**

Course Code.	Name of Subject	Total Credit	Lectures (L)	Tutorials (T)	Practical (P)	Total Hrs	University Examination								
							Theory					Practical			
							UA	CA	Total mark	Duration of Exam (Hrs)	Min Passing	UA	CA	Total marks	Min Passing
01MSCB1	General Microbiology, Phycology and Mycology	04	04	--	--	04	80	20	100	3	40	--	--	--	--
01MSCB2	Bryophytes & Pteridophytes	03	03	--	--	04	80	20	100	3	40	--	--	--	--
01MSCB3	Gymnosperm & Paleobotany	03	03	--	--	04	80	20	100	3	40	--	--	--	--
<b>Elective- I (Any One)</b>															
01MSCB 4.1	Molecular Biology and Plant Biotechnology-I	04	04	--	--	04	80	20	100	3	40	--	--	--	--
01MSCB 4.2	Reproductive Biology of Angiosperm-I														
01MSCB 4.3	Paleobotany -I														
01MSCB 4.4	Advance Phycology -I														
01MSCB 4.5	Mycology and Plant Pathology -I														
01MSCB 5	Research Methodology	04	04			04	80	20	100	3	40	--	--	--	--
01MSCB 6	Practical-I	02	--	--	02	04	--	--	--	--	--	30	20	50	25
	Total	20	18		02	22	400	100	500	--	--	30	20	50	--

**Gondwana University, Gadchiroli**  
**Faculty of Science & Technology**  
**Two Years Regular Post Graduate Program: M.Sc. (Botany)**  
**Semester-II**

**Course and Examination Scheme- 2023-2024**

Course Code.	Name of Subject	Total Credit	Lectures (L)	Tutorials (T)	Practical (P)	Total Hrs	University Examination									
							Theory					Practical				
							UA	CA	Total mark	Duration of Exam (Hrs)	Min Passing	UA	CA	Total marks	Min Passing	
02MSCB1	Plant Physiology	04	04	--	--	04	80	20	100	3	40	--	--	--	--	
02MSCB2	Plant Development & Embryology	03	03	--	--	04	80	20	100	3	40	--	--	--	--	
02MSCB3	Angiosperm-I	03	03	--	--	04	80	20	100	3	40	--	--	--	--	
<b>Elective- I (Any One)</b>																
02MSCB 4.1	Molecular Biology and Plant Biotechnology-II	04	04	--	--	04	80	20	100	3	40	--	--	--	--	
02MSCB 4.2	Reproductive Biology of Angiosperm-II															
02MSCB 4.3	Paleobotany -II															
02MSCB 4.4	Advance Phycology -II															
02MSCB 4.5	Mycology and Plant Pathology -II															
02MSCB 5	* Industrial Training/ Field Project / Research Project	04	--	--	--	08	08	--	--	--	40	50	50	100	50	
01MSCB 6	** Practical II	02	--	--	--	04	04	--	--	--	--	30	20	50	25	
	Total	20	14			12	28	320	80	400	--	--	80	70	150	--

\* OJT- On Job Training with Seminar

\*\* Practical II shall be based on core subjects