

**MScBOTANY:SEMESTER-I:CBCS-CAGPSchemeofInstruction/Evaluation**

Sem	Course	Paper	L:T:P	Credits	Teaching hrs/Week	IntAssessment		SemesterExam		Total Marks
						Duration hrs	Marks	Duration hrs	Marks	
I	BOT:HCT1.1	Algae,Fungi,Bacteriaand Viruses	4:0:0	4	4	1	20	3	80	100
	BOT:HCT1.2	Bryophytes,Pteridophytes andGymnosperms	4:0:0	4	4	1	20	3	80	100
	BOT:HCT1.3	PlantSystematicsand Phytogeography	4:0:0	4	4	1	20	3	80	100
	BOT:SCT1.4.1	Biodiversityand Conservation	4:0:0	4	4	1	20	3	80	100
	BOT:SCT1.4.2	MicrobialTechnology								
	BOT:HCP1.5	Algae,Fungi,Bacteriaand Viruses	0:0:2	2	4	1	10	3	40	50
	BOT:HCP1.6	Bryophytes,Pteridophytes andGymnosperms	0:0:2	2	4	1	10	3	40	50
	BOT:HCP1.7	PlantSystematicsand Phytogeography	0:0:2	2	4	1	10	3	40	50
BOT:SCP1.8.1	Biodiversityand Conservation	0:0:2	2	4	1	10	3	40	50	
BOT:SCP1.8.2	Microbial Technology									

*Note: A Compulsory Botanical Study Tour shall be undertaken by the students at the end of MSc First Semester and the students shall submit the tour report during the ensuing practical examination; If a candidate fails to undertake the study tour, his/her results will be withheld till he/she completes botanical study tour*



**MScBOTANY:SEMESTER-III:CBCS-CAGPSCHEMEOFINSTRUCTION/EVALUATION**

Sem	Course	Paper	L:T:P	Credits	Teaching hrs/Week	Int Assessment		Semester Exam		Total Marks
						Duration hrs	Marks	Duration hrs	Marks	
III	BOT:HCT3.1	Genetics, Cell and Molecular Biology	4:0:0	4	4	1	20	3	80	100
	BOT:HCT3.2	Plant Physiology and Metabolism	4:0:0	4	4	1	20	3	80	100
	BOT:SCT 3.3.1	Genetic Engineering	4:0:0	4	4	1	20	3	80	100
	BOT:SCT 3.3.2	Bioenergy & Biofuels								
	BOT:OET3.4	Medicinal Plants	4:2:0	4	4	1	20	3	80	100
	BOT:HCP3.5	Genetic, Cell and Molecular Biology	0:0:2	2	4	1	10	3	40	50
	BOT:HCP3.6	Plant Physiology and Metabolism	0:0:2	2	4	1	10	3	40	50
	BOT:SCP 3.7.1	Genetic Engineering	0:0:2	2	4	1	10	3	40	50
BOT:SCP 3.7.2	Bioenergy & Biofuels									

**MScBOTANY:SEMESTER-IV:CBCS-CAGPSchemeofInstruction/Evaluation**

Sem	Course	Paper	L:T:P	Credits	Teaching hrs/Week	IntAssessment		SemesterExam		Total Marks
						Duration hrs	Marks	Duration hrs	Marks	
IV	BOT:HCT4.1	PlantPathologyand PlantProtection	4:0:0	4	4	1	20	3	80	100
	BOT:HCT4.2	PlantBreedingandPlant Biotechnology	4:0:0	4	4	1	20	3	80	100
	BOT:SCT4.3.1 BOT:SCT4.3.2	AppliedMycology AppliedPhycology	4:0:0	4	4	1	20	3	80	100
	BOT:HCP4.4	PlantPathologyand PlantProtection	0:0:2	2	4	1	10	3	40	50
	BOT:HCP4.5	PlantBreedingand PlantBiotechnology	0:0:2	2	4	1	10	3	40	50
	BOT:SCP4.6.1 BOT:SCP4.6.2	AppliedMycology AppliedPhycology	0:0:2	2	4	1	10	3	40	50
	BOT:HMP4.7	HardcoreMajorProject	0:0:6	6	6	-	30	PR viva	90 30	150

- 7) **Annual/Semester/ChoicebasedCreditSystem – CBCS**
- 8) **Seniorvisiting Faculty–Dr.YSaraswathi**
- 9) **NumberOf Non –TeachingStaff &TechnicalStaff–Nill**
- 10) **Seminar/Conference/WorkshopOrganizedandthesourceoffunding:Nill**
- 11) **StudentProfile**

<b>Course</b>	<b>Year</b>	<b>Enrolled</b>	<b>Pass Percentage</b>
<b>M.Sc Botany</b>	<b>2021-2022</b>	<b>30</b>	<b>75%</b>

12) **DetailsOfInfrastructure**

**Library - No**

**Internet facility - No**

**Laboratory -No**