

**ANNEXURE M. Sc. BOTANY**

Equivalence of Syllabus / papers between CBS & CBCS syllabus for desirous students (CBS Pattern students (introduced in the Year 2012-2013) in CBCS Pattern ( introduced in the year 2015-16 at M.Sc Semester I and II and in the year 2016-17, at M.Sc. Semester –III and Semester IV

If the candidate has failed in any of the papers mentioned below (As described in Point no. 22 ‘b’, ‘c’, ‘d’, and ‘e’)							Then, the candidate shall appear and clear the paper shown in the respective row as equivalent paper						
M.Sc. Botany CBS Pattern Semester I							M.Sc. Botany Choice Based Credit System(CBCS) pattern						
Sr. No.	Semester	Code No.	Paper	Name of Paper	Total Marks	Credits	Equivalence To	Semester	Code No.	Paper	Subject	Total Marks	Credits
01	I	BOT T I	Paper I	Microbiology, Algae and Fungi	100	4		I	1T1	Paper I	Microbiology, Algae and Fungi	80+ 20	4
02	I	BOT T II	Paper II	Bryophytes and Pteridophytes	100	4		I	1T2	Paper II	Bryophytes and Pteridophytes	80+20	4
03	I	BOT T III	Paper III	Gymnosperms and Paleobotany	100	4		I	1T3	Paper III	Gymnosperms and Paleobotany	80+20	4
04	I	BOT T IV	Paper IV	Cytology and Genetics	100	4		I	1T4	Paper IV	Cytology and Genetics	80+20	4
05	I	BOT P I	Practical -I		80+ 20	4		I	1P1	Practical-I		100	4
06	I	BOT P II	Practical -II		80+20	4		I	1P2	Practical-II		100	4
07	I	Seminar I	Seminar -I		25	1		I	1S1	Seminar-I		25	1
M.Sc. Botany CBS Pattern: Semester II							M.Sc. Botany Choice Based Credit System ( CBCS)						
01	II	BOT T V	Paper V	Plant physiology and Biochemistry	100	4	Equivalence To	II	2T1	Paper V	Plant physiology and Biochemistry	80+20	4
02	II	BOT T VI	Paper VI	Plant Development and Reproduction	100	4		II	2T2	Paper VI	Plant Development and Reproduction	80+20	4
03	II	BOT T VII	Paper VII	Cell and Molecular Biology- I	100	4		II	2T3	Paper VII	Cell and Molecular Biology- I	80+20	4
04	II	BOT T VIII	Paper VIII	Angiosperms- I	100	4		II	2T4	Paper VIII	Angiosperms - I & Ethnobotany	80+20	4
05	II	BOT	Practic		80+20	4		II	2P1	Practical-III		100	4

		P III	al-III										
06	II	BOT P IV	Practical-IV		80+20	4		II	2P2	Practical-IV		100	4
07	II	Seminar-II	Seminar-II		25	1		II	2S1	Seminar-II		25	1
<b>M.Sc. Botany CBS Pattern: Semester III</b>							<b>M.Sc. Botany Choice Based Credit System( CBCS)</b>						
01	III	BOT T IX	Paper IX	Plant Ecology	100	4	Equivalence To	III	3T1	Paper IX	Plant Ecology and Conservation Biology	80+20	4
02	III	BOT T X	Paper X	Cell and Molecular Biology- II	100	4		IV	4T1	Paper XIII	Cell and Molecular Biology-II	80+20	4
03	III	BOT T XI	Paper XI	Plant Biotechnology	100	4		IV	4T2	Paper XIV	Plant Biotechnology and Plant Breeding	80+20	4
04	III	BOT T XII	Paper XII	Angiosperms- II	100	4		III	3T2	Paper X	Angiosperms-II	80+20	4
05	III	BOT P V	Practical V		80+20	4		III	3P1	Practical V		100	4
06	III	BOT P VI	Practical VI		80+20	4		III	3P2	Practical VII		100	4
07	III	Seminar-III	Seminar-III		25	1		III	3S1	Seminar-III	-----	25	1
<b>M.Sc. Botany CBS Pattern: Semester IV</b>							<b>M.Sc. Botany Choice Based Credit System( CBCS)</b>						
01	IV	BOT T XIII	Paper XIII	Plant conservation, IPR and Ethnobotany	100	4	Equivalence To	II III	2T4 3T1	Paper VIII Paper IX	Angiosperms - I & Ethnobotany Plant Ecology and Conservation Biology	80+20	4
02	IV	BOT T XIV	Paper XIV	Pl. Res. Uti., Bioethics, Biosafety, Pl. Breed. & Biostat.	100	4		IV	4T2	Paper XIV	Plant Biotechnology and Plant Breeding	80+20	4
03	IV	BOT T XV	Paper XV	Elective -I	100	4		III	3T3	Paper XI	Elective -I	80+20	4
04	IV	BOT	Paper	Elective -II	100	4		IV	4T3	Paper XV	Elective -II	80+20	4

		T XVI	XVI										
<b>05</b>		BOT P VII	Practic al VII		<b>80+20</b>	<b>4</b>		III	3P2	Practical VI		<b>100</b>	<b>4</b>
<b>06</b>		BOT P VIII	Projec t		<b>80+20</b>	<b>4</b>		IV	4PRO J1	Project		<b>100</b>	<b>4</b>
<b>07</b>		Seminar IV	Semin ar IV						4S1	Seminar-IV		<b>25</b>	<b>1</b>