



DEPARTMENT OF BOTANY

1.2.2. a. SYLLABUS REVISION 2018-2021


Percentage of revision B.Sc., Botany syllabus under regulation 2018


S. No	Course code	Course title	Changes details	% of changes	Content deleted	Content updated	Suggested by	Reason for change
1.	18UBY101	Major Paper I - Plant Diversity I (Phycology, Mycology and Bryology)	Updated	05%	-	Unit I: Cyanophyceae (Oscillatoria) replaced by Anabena	Subject expert	Skill development
2.	18UBY202	Major Paper II Plant Diversity II (Pteridophytes Gymnosperms and Palaeobotany)	Added	05%	-	Unit V: Rhynia introduced	BOS chairman	Skill development
3.	18UZY2A2	Ancillary botany paper II: Taxonomy of angiosperms, Horticulture medicinal botany & plant biotechnology	Added	05%	-	Unit I: Plant morphology	BOS chairman	Skill development
4.	18UBY304	Major Paper IV- Anatomy and Embryology	Deleted & Added	25%	Unit: I & II Cell biology	Unit: III: Leaf- epidermal tissues- stomatal types- internal structure of monocot and dicot leaves, anatomy of hydrophytic leaf and xerophytic leaf. Structural modifications in stem, root and leaves.	Subject expert	Skill development
5.	18UBY3N1	Skill based subjects (Non major electives)- Landscape designing	Added	05%	-	Unit IV: Hydroponics	Subject expert	Skill development


for 
 Head of the Dept. of Botany
 N. G. M. College
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6.	18UBY405		Updated	20%	-	Unit I: Cell biology: Ultra structure of plant cell. Structure and functions of cell wall-plasma membrane-chloroplast-mitochondria-endoplasmic reticulum. Structure and function of ribosomes-dictyosomes-nucleus-nucleolus-chromosomes: giant chromosomes: polytene and lamp brush-mitosis.	Subject expert	Skill development
		Major Paper V - Cytology, Biochemistry and Biophysics.						

for 
Head of the Department


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Principal
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