

DEPARTMENT OF BOTANY

1.1.1(c) Local, global, regional need format for the above batch List of Courses having focus on local, national, regional and global developmental needs Offered by the Department of Botany

2018-2019

B.Sc.						
Programme: Botany		2018 Batch - I and II Semesters 2017 Batch - III and IV Semesters 2016 Batch - V and VI Semesters				
Course Code	Course Title	Need				Rationale
		Local	National	Regional	Global	
18UBY101	Major Paper I - Plant Diversity I (Phycology, Mycology and Bryology)		√			Pursue research
18UZY1A1	Allied - Paper I Zoology		√			Pursue research
18UBY202	Major Paper II Plant Diversity II (Pteridophytes Gymnosperms and Palaeobotany)			√		Pursue research
18UBY203	Major Practical I - Paper III (Plant diversity I & II (Phycology, Mycology and Bryology & Pteridophytes Gymnosperms and Palaeobotany)			√		Pursue research
18UZY2A2	Allied - Paper II Zoology				√	Pursue research
18UZY2A3	Allied - Paper III Practical		√			Pursue research
17UBY304	Major Paper IV-Cytology, Anatomy and Embryology				√	Pursue entrepreneurship
17UBY3N1	Skill based subjects (Non major electives)- Landscape designing			√		Pursue research
17UBY3N2	Skill based subjects (Non major electives)- Herbal cosmetics *Basic Tamil paper I			√		
17UBY405	Major Paper V -Biophysics and Biochemistry				√	Pursue Skill development
17UBY406	Major Practical II - Paper VI (Cytology, Anatomy & Embryology & Biophysics and Biochemistry)				√	Pursue Skill development
17UCY3A5	Allied - Paper V- Chemistry				√	Pursue Skill development
17UCY3A6	Allied paper VI - Chemistry practical				√	Pursue Skill development
17UBY4N3	Skill based subjects (Non major				√	Pursue Skill development

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	electives)- Remote sensing and natural resource management					development
17UBY4N4	Skill based subjects (Non major electives)- Bioinformatics				√	Pursue Skill development
16UBY507	Major Paper – VII - Taxonomy of Angiosperms and Herbal Botany		√			Pursue entrepreneurship
16UBY508	Major Paper VIII - Genetics				√	Pursue Skill development
16UBY509	Major Paper IX – Horticulture and Plant breeding				√	Pursue Skill development
16UBY510	Major Paper X – Genetic Engineering				√	Pursue Skill development
16UBY511	Elective -I Mathematics for Biologists				√	Pursue Skill development
16UBY5S1	Skill based subjects (Major electives)- Microscopic techniques			√		
16UBY5S2	Skill based subjects (Major electives)- Mushroom cultivation		√			Pursue entrepreneurship
16UBY612	Major Paper XII – Plant Physiology				√	Pursue Skill development
16UBY613	Major Paper XIII – Microbiology and Plant pathology		√		√	Pursue Skill development
16UBY614	Major Paper XIV - Plant Biotechnology				√	Pursue research
16UBY615	Elective II – Bioinformatics				√	Pursue research
16UBY616	Elective – III – Habitat Ecology			√		Pursue entrepreneurship
16UBY617	Major Practical III – Paper XV (for V Sem theory papers)			√		Pursue Skill development
16UBY618	Major Practical IV (for VI Sem theory papers)				√	Pursue Skill development
16UBY6S3	Skill based subjects (Major electives)- Herbal Botany		√			
16UBY6S4	Skill based subjects (Major electives)- Bio farming				√	Pursue Skill development
16HEC606	Human Excellence - Global values & SKY yoga practice- VI	√				Pursue research

for 
Head of the Department

Head of the Dept. of Botany
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Principal

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