

Progressive Education Society's
Modern College of Arts, Science and Commerce,
Shivajinagar, Pune 5

(An Autonomous College Affiliated to Savitribai Phule Pune University)

Framework of Syllabus

For B.Sc. Botany

(2019-20 Course)

(with effect from 2019-20)

CIA: Continuous Internal Evaluation

Semester 1 (First Year)

Course Type	Course Code	Course / Paper Title	Hours / Week	Credit	CIA	End Sem	Total
CCT-1	19ScBotU101	Plant Diversity I	3	2	40	60	100
CCT-2	19ScBotU102	Plant Morphology	3	2	40	60	100
CCP-1	19ScBotU103	Practical course	4	2	40	60	100
Total				6			

Semester II (First Year)

Course Type	Course Code	Course / Paper Title	Hours / Week	Credit	CIA	End Sem	Total
CCT-1	19ScBotU201	Plant Diversity II	3	2	40	60	100
CCT-2	19ScBotU202	Plant Anatomy and Embryology	3	2	40	60	100
CCP-1	19ScBotU203	Practical Course	4	2	40	60	100
Total				6			

Semester III (Second Year)

Course Type	Course Code	Course / Paper Title	Hours / Week	Credit	CIA	End Sem	Total
CCT-1	19ScBotU301	Taxonomy of Angiosperms and Plant Ecology	4	2.5	40	60	100
CCT-2	19ScBotU302	Plant Physiology	4	2.5	40	60	100
CCP-1	19ScBotU303	Practical	4	2	40	60	100
Total				7			

Semester IV (Third Year)

Course Type	Course Code	Course / Paper Title	Hours / Week	Credit	CIA	End Sem	Total
CCT-1	19ScBotU401	Medico-Botany and Pharmacognosy	4	2.5	40	60	100
CCT-2	19ScBotU402	Plant Biochemistry and Biotechnology	4	2.5	40	60	100
CCP-1	19ScBotU403	Practical	4	2	40	60	100
Total				7			

Semester V (Third Year)

Course Type	Course Code	Course / Paper Title	Hours / Week	Credit	CIA	End Sem	Total
DSET-1	19ScBotU501	Lower Cryptogams	4	2.5	40	60	100
DSET-2	19ScBotU502	Tools and Techniques in Botany	4	2.5	40	60	100
DSET-3	19ScBotU503	Biostatistics	4	2.5	40	60	100
DSET-4	19ScBotU504	Plant Physiology	4	2.5	40	60	100
DSET-5	19ScBotU505	Genetics and Plant Breeding	4	2.5	40	60	100
DSET-6	19ScBotU506	Applied Botany I	4	2.5	40	60	100
DSET-7	19ScBotU507	Applied Botany II	4	2.5	40	60	100
DSET-8	19ScBot508	Applied Botany III	4	2.5	40	60	100
DSEP-1	19ScBotU509	Practical I	4	2	40	60	100
DSEP-2	19ScBotU510	Practical II	S	2	40	60	100
SECP-1	19ScBotU511	Practical III	4	2	40	60	100
SECP-2	19ScBotU512	Practical IV	4	2	40	60	100
SECP-3	19ScBotU513	Practical V	4	2	40	60	100
Total				21			

Semester VI (First Year)

Course Type	Course Code	Course / Paper Title	Hours / Week	Credit	CIA	End Sem	Total
DSET-1	19ScBotU601	Higher Cryptogams	4	2.5	40	60	100
DSET-2	19ScBotU602	Plant Pathology	4	2.5	40	60	100
DSET-3	19ScBotU603	Systematics of Angiosperms	4	2.5	40	60	100
DSET-4	19ScBotU604	Cell and Molecular Biology	4	2.5	40	60	100
DSET-5	19ScBotU605	Seed Technology	4	2.5	40	60	100
DSET-6	19ScBotU606	Applied Botany IV	4	2.5	40	60	100
DSET-7	19ScBotU607	Applied Botany V	4	2.5	40	60	100
DSET-8	19ScBotU608	Applied Botany VI	4	2.5	40	60	100
DSEP-1	19ScBotU609	Practical I	4	2	40	60	100
DSEP-2	19ScBotU610	Practical II	4	2	40	60	100
SECP-1	19ScBotU611	Practical III	4	2	40	60	100
SECP-2	19ScBotU612	Practical IV	4	2	40	60	100
SECP-3	19ScBotU613	Practical V	4	2	40	60	100
		Total		21			