

BOOK LIST OF BOTANY

12

1 st SEMESTER/2 nd SEMESTER				
SL No	NAME OF BOOK	AUTHOR	PUBLISHER	
1	Microbiology and Phycology	B.K.Mishra	Kalyani	
2	Archegoniate	B.S. Acharya	Kalyani	
3	Archegoniate	Singh, Pandey,Jain	Rastogi	
4	Microbiology and Phycology	Singh, Pandey,Jain	Rastogi	
5	Mycology and Phytopathology	P.D. Sharma	Rastogi	
6	Microbiology: an Introduction	Tortora	Pearson	
7	Botany for degree students, B.Sc. Semester-I	B.P. Pandey	S.Chand	
8	Botany for degree students, B.Sc. Semester-II	B.P. Pandey	S.Chand	
9	Plant Pathology	B.P. Pandey	S.Chand	
10	Cell biology	P.S. Verma & V.K. Agarwal	S.Chand	
11.	Fundamentals of Biochemistry	J.L. Jain	S.Chand	
12	Outlines of Biochemistry	Conn & Stumpf	Wiley	
13	Biochemistry	U. Satyanarayana	Books and Allied	
14	Cell biology	Roy&& De	NCBA	
15	Fundamentals of Biochemistry	Deb	NCBA	
3 rd SEMESTER/4 th SEMESTER				
1	Anatomy of Angiosperms	Singh, Pandey,Jain	Rastogi	
2	Plant Anatomy	B.P. Pandey	S.Chand	
3	Anatomy of Angiosperms	B.K.Mishra	Kalyani	
4	Anatomy of seed Plants	K.Esau	Wiley	
5	Plant Anatomy	Roy	NCBA	
6	Economic Botany	Sen	NCBA	
7	Economic Botany	B.P. Pandey	S.Chand	
8	Economic Botany	Singh, Pandey,Jain	Rastogi	
9	Economic Botany in Tropics	S.L. Kochhar	MacMillan & Co.	
10	Fundamentals of Genetics	B.D.Singh	Kalyani	
11	Genetics	P.K.Gupta	Rastogi	
12	Principles of Genetics	Gardner	Wiley	
13	Genetics	V.B.Rastogi	KedarNath & RamNath	

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14	Molecular Biology	P.K.Gupta	Rastogi
15	Molecular Biology of the Gene	Watson	Pearson
16	Molecular Biology and Biotechnology	K.G. Ramawat	S.Chand
17	A text book of Plant Ecology	Shukla & Chandel	S.Chand
18	Plant ecology and Phytogeography	A.C.Sahu	Kalyani
19	Text Book of Plant Systematics	C.R. Mohanty	Kalyani
20	Taxonomy of Angiosperm	B.P. Pandey	S.Chand
21	Plant Systematics: Theory and Practice	G. Singh	Oxford & IBH
22	Advanced Plant Taxonomy	Mondal	NCBA
23	Reproductive Biology of Angiosperms	Singh, Pandey, Jain	Rastogi
24	Reproductive Biology of Angiosperms	B.K.Mishra	Kalyani
25	The embryology of Angiosperms	Bhojwani & Bhatnagar	Vikas Publishing house
26	Botany for degree students, B.Sc. Semester-III	B.P. Pandey	S.Chand
27	Botany for degree students, B.Sc. Semester-IV	B.P. Pandey	S.Chand
5 th SEMESTER/6 th SEMESTER			
1	Plant Physiology and development	Taiz & Zeiger	Sinauer Associates
2	Outlines of Plant Physiology	A.C.Sahu	Kalyani
3	Plant Physiology	H.S. Srivastava	Pradeep
4	Outlines of Plant Metabolism	A.C.Sahu	Kalyani
5	Plant Physiology	V.K.Jain	S.Chand
6	Advanced biotechnology	R.C.Dubey	S.Chand
7	Plant Biotechnology	P.K.Gupta	Rastogi
8	Plant Biotechnology	B.D. Singh	Kalyani
9	Introduction to plant biotechnology	H.S.Chawla	Oxford & IBH
10	Plant tissue culture	De	NCBA
11	Industrial & Environmental microbiology	Dr. Arun Ku Rath	Kalyani
12	Biostatistics	A.K.Dalai	Kalyani
13	Basic biostatistics and its application	Data	NCBA
14	Plant breeding: Principles and Methods	B.D.Singh	Kalyani
15	Natural resource management	B.W.Pandey	Mittal publication

DEPARTMENT OF BOTANY

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HOD 20.8.22