

BOOK LIST FOR LIBRARY

SUB- BOTANY

DSC -1 MICROBIOLOGY AND PHYCOLOGY

1. Singh V, Pandey PC, Jain DK, Microbiology and Phycology, Rastogi publication.
2. Mishra BK Microbiology and Phycology, Kalyani pub.
3. Vasistha B.R Botany for Degree students, S.Chandpub.New Delhi.
4. Prescott, LM, HarleyJP, Klein DA MicrobiologyTata McGraw-Hill Pub.

DSC- 2 BIOMOLECULES AND CELL BIOLOGY

1. Voet and Voet Principles of Biochemistry, international studentsversion.
2. Jain JL, Jain S, Jain N, fundamentals of biochemistry, S.Chand pub.
3. Power CB, Cell Biology, Himalaya publishing House
4. Gupta PK, Biomolecules and Cell Biology, Rastogi Pub.
5. Gupta SN, Concepts of Biochemistry, Rastogi Pub.

DSC- 3 MYCOLOGY AND PHYTOPATHOLOGY

1. Singh V, Pandey PC, Jain DK, A Text Book of Botany, Rastogi publication.
2. Sharma PD Mycology and Phytopathology, Rastogi publication.
3. Mishra BK, Mycology and Phytopathology, Kalyani pub.
5. Melhotra RS, Plant Pathology, Tata McGraw-Hill Pub.

DSC- 4 ARCGEGONIATES

1. Singh V, Pandey PC, Jain DK, Archegoniates,Rastogi publication.
2. Vasistha BR Botany for Degree Students, Bryophytes, S.Chandpub.New Delhi.
3. Acharya BS, archegoniates, Kalyani pub.
4. Vasistha PC, Sinha AK, Kumar A, Pteridophyta, S.Chandpub.New Delhi.

5. Bhatnagar, SP & Moitra A, Gymnosperms, New age Pub.

DSC- 5 ANATOMY OF ANGIOSPERMS

1. Singh V, Pandey PC, Jain DK, Anatomy of Angiosperm, Rastogi publication.
2. Mishra BK, Anatomy of Angiosperm, Kalyani pub.
6. Pandey BP Plant Anatomy, S.Chandpub. New Delhi.
3. Singh V, Pandey PC, Jain DK, A text Book of Angiosperm, Rastogi publication.

DSC -6 ECONOMIC BOTANY

1. Pandey BP, Economic Botany, S.Chandpub. New Delhi.
2. Singh V, Pandey PC, Jain DK, A text Book of Angiosperm, Rastogi publication.
3. Singh V, Pandey PC, Jain DK, Economic Botany, Rastogi publication.
4. Baruah B, Economic Botany, Kalyani pub. New Delhi

DSC -7 GENETICS

1. Rastogi Veer Bala, Genetics, Kedar Nath & Ram Nath
2. Gupta PK, Genetics, Rastogi Pub
3. Singh BD, Fundamental of Genetics, Kalyani Pub.

DSC -8 MOLECULAR BIOLOGY

1. Paul A, A Text Book of Cell and Molecular Biology, Books and Allied
2. Gupta PK, Molecular Biology, Rastogi Pub
3. Sahu AC, Essentials of Molecular Biology, Kalyani Pub.
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DSC- 9 PLANT ECOLOGY AND PHYTOGEOGRAPHY

1. Sharma PD, Fundamentals of Ecology, Rastogi Pub
2. Shukla RS and Chandle PS, A text Book of Plant Ecology, S.Chand PUB, New Delhi
3. Sahu AC, Plant Ecology And Phytogeography, Kalyani Pub.

DSC -10 PLANT SYSTEMATICS

1. Sharma OP, Plant Taxonomy, Tata Mc Grow Hill, New Delhi
2. Pandey BP, Taxonomy of Angiosperms, S.Chand Pub, New Delhi
3. Saxena HO, Brahman M, The Flora of Orissa, CSIR Pub
4. Singh G, Plant Systematics: Theory and Practice. Oxford & IBH Pvt. Ltd., New Delhi
5. Hanes HH, Botany of Bihar and Orissa.
6. Bose TK, Trees of the World, Regional Plant Resource Centre, Bhubaneswar, Odisha, India
7. Mohanty CR, Textbook of Plant Systematics, Kalyani Pub

DSC -11 REPRODUCTIVE BIOLOGY OF ANGIOSPERMS

1. Maheswari P, Embryology of Angiosperms
2. Singh V, Pandey PC and Jain DK, Reproductive Biology of Angiosperms, Rastogi Pub, Meerut
3. Bhojwani SS and Bhatnagar SP, The Embryology of Angiosperms, Vikas publishing House, Delhi
4. Mishra BK, Reproductive Biology of Angiosperms, Kalyani Pub, New Delhi

DSC- 12 PLANT PHYSIOLOGY

1. Sinha RK, Modern Plant Physiology, Narosa Publishing House, New Delhi
2. Sahoo AC, Outlines of Plant Physiology, Kalyani Pub, New Delhi
3. Verma SK and Verma M, A Textbook of Plant Physiology, Biochemistry and Biotechnology, S.Chand Pub
4. Srivastava NK, Plant Physiology, Rastogi Pub, Meerut
5. Pandey and Sinha, Plant Physiology, Vikaspublishing House, Delhi
6. Srivastava HS, Plant Physiology, Rastogi Pub, Meerut

DSC- 13 PLANT METABOLISM

1. Taiz L, Zeiger E, Moller IM and Murphy A, Plant Physiology and Development, Sinauer Associates Inc. USA.
2. Gupta SK, Plant Metabolism, Rastogi Pub, Meerut

3. Sahoo AC, Outlines of Plant Metabolism, Kalyani Pub, New Delhi
4. Harborne JB, Phytochemical Methods, John Wiley & Sons. New York

DSC -14 PLANT BIOTECHNOLOGY

1. Chawla HS, Introduction to Plant Biotechnology, Oxford & IBH Pvt. Ltd., New Delhi
2. Singh BD, Plant Biotechnology, Kalyani Pub, New Delhi
3. Gupta PK, Plant Biotechnology, Rastogi Pub, Meerut
4. Dubey RC, Advanced Biotechnology, S.Chand publication, New Delhi

DSE-1 ANALYTICAL TECHNIQUES IN PLANT SCIENCES

1. Patil CS, Advanced Analytical Techniques, ABE Books, New Delhi
2. Mishra BK, Analytical Techniques in Plant Sciences, Kalyani Pub, New Delhi
3. Rana SVS, Biotechniques Theory and Practices, Rastogi Pub, Meerut
4. Chainy BN, Mishra G and Mohanty PK, Biostatistics Theory and Practices, Kalyani Pub, New Delhi

DSE-2 NATURAL RESOURCE MANAGEMENT

1. Sahoo AC, Fundamentals of Natural Resource Management, Kalyani Pub, New Delhi
2. Pandey BW, Natural Resource Management, Mittal Pub, New Delhi
3. Vasudevan N, Essentials of Environmental Science, Narosa Publishing House, New Delhi
4. Singh JS, Singh SP and Gupta S, Ecology, Environment and Resource Conservation, Anamaya Pub, New Delhi

DSE-3 HORTICULTURAL PRACTICES AND POST HARVEST TECHNOLOGY

1. Singh D & Manivannan S, Genetic Resources of Horticultural Crops. Ridhi International, Delhi, India
2. Pandey PH, Principles and Practices of Post Harvest Technology, Kalyani Pub, New Delhi
3. Peter KV, Basics of Horticulture, Kalyani Pub, New Delhi

DSE-4 INDUSTRIAL AND ENVIRONMENTAL MICROBIOLOGY

1. Sharma PD, Environmental Microbiology, Rastogi Pub, Meerut
2. Mohapatra P, Text Book of Environmental Microbiology, International Publishing House, New Delhi
3. Rath AK, Industrial and Environmental Microbiology, Kalyani Pub, New Delhi

GE-1 BIODIVERSITY(MICROBES, ALGAE, FUNGI AND ARCHEGONIATES)

1. Vasistha PC, Sinha AK, Kumar A, Pteridophyta, S.Chandpub.New Delhi.
2. Bhatnagar SP & Moitra A, Gymnosperms, New age Pub.
3. Parihar NS, An Introduction to Embryophyta. Vol I. Bryophyta. Central Book Depot, Allahabad
4. Pandey BP, Botany for degree studies. S.Chand
5. Acharya BS & Mishra BK, Plant Biodiversity, Kalyani Pub, New Delhi

GE-2 PLANT PHYSIOLOGY AND METABOLISM

1. Srivastava HS, Plant Physiology, Rastogi Pub, Meerut
2. Taiz L, Zeiger E, Moller IM and Murphy A, Plant Physiology and Development, Sinauer Associates Inc. USA.
3. Sahoo AC, Plant Physiology and Plant Metabolism, Kalyani Pub, New Delhi

Practical Books

1. Bendre AM, Kumar A, A text Book of Practical Botany 1 Rastogi Pub.
2. Bendre AM, Kumar A, A text Book of Practical Botany 2 Rastogi Pub.
3. Bendre AM, Kumar A, A text Book of Practical Botany 3 Rastogi Pub.
4. Mohanty CR, Degree Practical Botany-I, Kalyani Pub.
5. Mohanty CR, Degree Practical Botany-II, Kalyani Pub.
6. Mohanty CR, Degree Practical Botany-III, Kalyani Pub.


Principal 8.12.22
P.I. Degree College
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