

Faculty of Basic Sciences, SKUAST Jammu, 2022-23

List of books (Print) requisitioned for the year 2022-2023

1. Division of Statistics & Computer Science

S.No	ISBN	Book Title	Author(s)	Publisher	Year of publication	Tentative Price per book	No. of copies	Amount (INR)
1.	8170147913	Fundamentals of Mathematical Statistics	S.C.Gupta and V.K.Kapoor	Sultan Chand and Sons	2014		6	
2.	9789350300428	A Textbook of Agriculture Statistics	Dr. S.R.J. Singh	Oxford Book Co.	2012		5	
3.	9350517698	Fundamentals of Statistics	S.C.Gupta	Himalaya Publishing House	2018		5	
4.	9351611736	Statistical Methods	S.C.Gupta	Sultan Chand and Sons	2014		5	
5.	9789350593363	OPERATIONS RESEARCH theory and application	J.K. Sharma	Trinity Press	2012		5	
6.	9352865278	OPERATIONS RESEARCH	Hamdy A Taha	Pearson	2016		5	
7.	9788189473518	Bioinformatics	Arunima Mukherjee	Oxford Book Co.	2008		3	
8.	9789383101030	Bioinformatics and Its Applications	S.G. Sandhu	Agrotech Press	2013		3	
9.	8180547051	Fundamentals of Applied Statistics	S.C.Gupta and V.K.Kapoor	Sultan Chand and Sons	2014		5	

10.	9789383096053	Business Statistics for International Trade	Ashish J. Dave	Horizon Press	2014		3	
11.	9789350303603	Environmental Statistics with R	Dr. Manendra Kumar	Oxford Book Co.	2018		2	
12.	1642872466	Design of Experiments and Sampling Methods	K.C. Bhuyan	New Central Book Agency (P) Ltd	2017		2	
13.	9789386915139	Fundamentals of Statistics:A brief Insight	Faizan Danish	Onlinegatha_The endless Tale	2017		5	
14.	8185771545	Statistical Methods	Kapil Sharma	ABD Publishers	2011		2	
15.	813816173	Sample Survey Methods and Its application	B.V. Sukhatme	Indian Society of Agricultural Statistics	1984		2	
16.	8122425925	A textbook of Agricultural Statistics	R. Rangaswamy	New Age International Publishers	2013		5	
17.	9386070936	Programmed Statistics	B.L.Agarwal	New Age International Publishers	2011		2	
18.	852269102	Theory and Analysis of Sampling Survey Designs	Daroga Singh and F.S. Chaudhary	New Age International Publishers	2009		5	
19.	9789380235615	Objective Agriculture Statistics	K.S. Kushwala	New India Publishing Agency	2011		4	
20.	9788120346376	Design and Analysis of Experiments	M.K.Sharma and B.V.S.Sisodia	PHI Learning Private Limited New Delhi	2012		3	
21.	9789350300732	Statistical Methods for Agricultural Workers	Dr. S.R.J. Singh	Oxford Book Co.	2012		5	
22.	9789383096060	Statistics for Management	Ashish J. Dave	Horizon Press	2014		5	

23.	8183760813	Strategic Methods and Concepts of Statistics	R.K. Jacob	ABD Publishers	2006		2	
24.	9789350300909	Vector Calculus	Dr. Rakesh Kumar Pandey	Oxford Book Co.	2012		2	
25.	9789350300473	Elementary Bioinformatics	Dr. Satish Kumar Sinha	Oxford Book Co.	2012		2	
26.	9789350301333	Encyclopaedia of Bioinformatics	ShwetaSharmaPrakashTriveni	Oxford Book Co.	2013		3	
27.	9789383096176	Encyclopaedia of Statistics for Business and Economics (4 Vol. Set)	Ashish J. Dave	Horizon Press	2015		3	
28.	9789383101306	Handbook of Bioinformatics	S.G. Sandhu	Agrotech Press	2013		3	
29.	9789382629733	Introduction to Social Statistics	Sunil Gupta	Ishika Publishing House	2015		3	

2. Division of Biochemistry

S.No	ISBN	Title of book	Author	Publisher	Year of publication	Edition /year	Tentative Price per book	No. of copies	Amount (INR)
1.	ISBN-13 978-0122146749	Plant Biochemistry	P.M Dey& J.B. Harborne	Elsevier	1997	1 st		3	
2.	ISBN-13 978-9389691351	Schaum's Easy Outline of Biochemistry	Philip W. Kuchel	McGraw Hill Education	2020	Revised (Indian) Edition 2020		5	
3.	ISBN-13 978-0470714218	Biochemistry and Molecular Biology of Plants	Bob B. Buchanan	Wiley Blackwell	2015	Revised 2 nd edition		1	
4	9781032097534	Plant Specialized Metabolism Genomics, Biochemistry, and Biological Functions	Gen-ichiro Arimura & Massimo Maffei	CRC Press	2021	1 st		1	
5	9781003139157	Introduction to Nutrition and Metabolism	David A Bender & Shauna M C Cunningham	CRC Press	2021	6 th		1	
6.	978-1107634312	Practical Plant Biochemistry	Muriel	Cam	2014			2	

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7.	9788131262535	Biochemistry	U. Satyanarayan and U. Chakrapani	Else vier, Indi a	2020	6 th		5	
8.	9780367448004	Handbook of Reference Methods for Plant Analysis	Y. P Kalra	CRC Pres s	2019	1 st		1	
9	9788131529164	Introduction to Spectroscopy	Donald L. Pavia	Cen gage Lear ning Indi a Priv ate Limi ted	2015	5 th		2	
10.	9387445712	Objective Plant Physiology and Plant Biochemistry	Patil V. U.	BRI LLI ON Publ ishin g	2019	1 st		5	

3. Division of Plant Physiology

S.No	ISBN	Title of the book	Author	Publisher	Year of publication	Tentative Price (in rupees)	No. of Copies required	Amount In Rupees
1.	9789386110879	Abiotic Stress Tolerance Mechanisms in Plants	Rai/Kumar/Bagati	Narendra Publishing House	2018		5	
2.	9788185375106	Advances in Frontier Areas of Plant Sciences	Malik, C.P	-do-	1990		5	
3.	9788185375748	Advances in Plant Reproductive Biology (2Vols Set)	Chauhan/Pandey	-do-	2003		5	
4.	9789390611270	Biochemical Techniques In Your Hand	Dhruv, J.J. et al	-do-	2022		5	
5.	9789389235180	Biofertilizers in Horticulture crops	Appanna, V	-do-	2020		5	
6.	9789387590656	Cell and Plant Physiology	Chand, G et al	-do-	2020		5	
7.	9789391063337	Cell Biology: An introduction	Sengar, R.S. et al	-do-	2022		5	
8.	9789384337575	Commercial Plant Tissue Culture and Industrial Applications	Ushakumari, R	-do-	2015		5	
9.	9789390611577	Comprehensive	Paul, P. et al	-do-	2022		5	

		Approach To Plant Physiology						
10.	8185375224	Crop Epidemics, Microbes and Ecosystem Conservation	Agarwal, G.P	-do-	1994		5	
11.	9789390611157	Crop Improvement II (Rabi Crops)	Raval, L. J. et al	-do-	2022		5	
12.	9789386110305	Documentary of Agricomycetous Mushrooms of INDIA	Upadhyay, R C et al	-do-	2017		5	
13.	9789392851179	Dynamics of Essential Plant Nutrient Elements	Shivanna M.	-do-	2022		5	
14.	9789387590502	Elementry Plant Biochemistry for Horticulture	Sarangi, C	-do-	2018		5	
15.	9789388668613	Ethnobotany of Himalayan Botanicals	Mansoor, S	-do-	2019		5	
16.	9789384337926	Experiments in Plant Physiology, Biochemistry and Ecology	Inam/Sahay/Akhtar	-do-	2016		5	
17.	9789380428420	Fruit Tree Physiology	Dhillon/Bhatt	-do-	2012		5	
18.	9789389996807	Fundamentals of Crop Physiology	Singh, Geetika	-do-	2022		5	
19.	9789390611614	Fundamentals	Chitra, M. et al	-do-	2022		5	

		of Plant Biochemistry						
20.	9789386110787	Herbal Antioxidant Chemistry and Medical Application	Sharma, V	-do-	2018		5	
21.	9789390611348	Objective Plant Physiology	Srivastava, A et al	-do-	2022		5	
22.	9789390309313	Organic Farming - To Sustain Soil Fertility	Sivasabari / Ajaykumar	-do-	2022		5	
23.	9789390309450	Organic Farming for Sustainable Agriculture	Latha, E S	-do-	2022		5	
24.	9789387590267	Organic Horticulture : Production and Management	Joshi, P	-do-	2018		5	
25.	9789392851766	Physiological Disorders of Fruits, Vegetables and Flower Crops	Tamilselvi, C et al	-do-	2022		5	
26.	8185375097	Plant Microbe Interaction	Bilgrami, K.S	-do-	1989		5	
27.	9789384337230	Plant Physiology	Alam/Vats/Tripathi	-do-	2015		5	
28.	9789389996487	Plant Physiology: Structure, Development and Metabolism	Jain / Ahuja	-do-	2022		5	
29.	9789391063238	Plant Science	Eevera, T. et al	-do-	2022		5	

		(Genetics)						
30.	9789392851971	Plant Systematics 2nd Edition (HB)	Pandey / kasana	-do-	2022		5	
31.	9789384337322	Plant Tissue Culture : Concepts and Techniques	Yadav/Yadav/Tripathi	-do-	2016		5	
32.	9789384337247	Practical Plant Physiology	Sivakumar, R	-do-	2015		5	
33.	9789390611805	Principles of Plant Biochemistry	Nagaraj, G.	-do-	2022		5	
34.	8185375186	Recent Advances in Plant Biology	Malik,C.P	-do-	1991		5	
35.	9789389235272	Research Techniques in Plant Sciences	Singh, Shivakumar	-do-	2020		5	
36.	9789384337100	Techniques and Protocols in Plant Biochemistry and Molecular Biology	Ranjan, R	-do-	2015		5	
37.	N/A	Techniques In Agricultural Microbiology	Kumar, A	-do-	2022		5	
38.	9789390611317	Textbook on Crop Ecology	Naresh, R.K.	-do-	2022		5	
39.	9789390309085	Textbook on Cropping System and Sustainable Agriculture	Naresh, R.K. et al	-do-	2022		5	
40.	9789390309146	Theory and	Sharma, A et al	-do-	2022		5	

		Practices of Plant Tissue Culture						
41.	9789380428994	Tissue Culture of Horticulture Crops	Ponnuswami, V	-do-	2016		5	

4. Division of Microbiology

S.No	ISBN	Title of book	Authors	Publishers	Year of publication	Price (Rs.)	Copies reqd.	Amount (in Rs.)
1		Advanced Techniques in Soil Microbiology	Varma, A.	New India Publishing Agency, New Delhi	2011		05	
2		Accessing Uncultivated Microorganisms	Zengler, Karsten	New India Publishing Agency, New Delhi	2008		02	
3		Techniques in Agricultural Microbiology	Awani kr. Singh	Centrum Press	2017		05	
4		Fermentation: A Practical Approach (Indian Edition)	McNeil, B.	New India Publishing Agency, New Delhi	2007		05	
5		Bacterial and Bacteriophage Genetics: 5th Edition (Indian Edition)	Birge, Edward A.	New India Publishing Agency, New Delhi	2018		05	