

1. Agricultural Engineering							
S.No	Title of the book	Author	Publisher	Year of publication	Copies required	Tentative cost (Rs.)	Total cost (Rs.)
1	A Handbook on Irrigation and Drainage	Panigrahi, Balram		2013	1	3000	3000
2	Agricultural Drainage Engineering	H. V. Parmar		2014	5	1100	5500
3	Agricultural Drainage Engineering: Field and Laboratory Manual	Parmer,HV		2014	4	500	2000
4	Agricultural Engineering	O P Singhal	Aman		5	200	1000
5	Basics of Agriculture Engineers	R K Sharma	Daya		2	400	800
6	Deficit Irrigation Practices	FAO		2004	1	500	500
7	Drip Irrigation System: Clogging and its Prevention	Thokal, R T et al		2012	4	400	1600
8	Elements of Micro Irrigation and its Crop Application	Chauhan, H S		2007	2	3200	6400
9	Engineering for Agricultural Drainage	Shivanna		2013	2	900	1800
10	Evaluation of Watersheds in India	Sastry, G et al		2004	1	500	500
11	Ground Water Engineering	Dr. H M Raghunath			10	600	6000
12	Ground Water Hydrology: Conceptual and Computational models	Rushton,KR		2013	2	1200	2400
13	Groundwater hydrology	Chahar, B.R.	McGraw Hill Education		10	650	6500
14	Groundwater Hydrology	David K. Todd and Larry W.	Mays Wiley Publ.		10	8800	88000
15	Horizontal Subsurface Drainage theories for Agricultural Lands	Lal, Chhedi		2004	10	800	8000
16	Hydrology and Watershed Management in 2 Vols	Rao, B Venkateswara et el eds		2007	2	2300	2600
17	Integrated Watershed Development in the Himalaya	Negi, S S		2010	1	750	750
18	Integrated Watershed Management: Field Manual for Equitable Productive and Sustainable Development	Rajora, Rajesh		1998	1	1100	1100
19	Integrated Watershed Management: Principles and Practice	Isobel W Heathcote	Wiley Publ.	1998	10	8800	88000
20	Irrigation and Drainage	Lenka	Kalyani		2	500	1000
21	Irrigation Management Principles and Practices	Burton	Cabi		1	1600	1600
22	Land and water management engineering	V V N Murty	Kalyani		10	500	5000
23	Managing Drainage and Irrigation	Hooja, Rakesh		1995	1	1000	1000
24	Managing Irrigation Project: a Study of Chambal Valley Project	Srivastava, H S		1996	2	300	600
25	Micro Irrigation for Cash Crops	Chauhan, M L & U S Kadam		2006	5	800	4000
26	Objective Agriculture Engineering 2 <sup>nd</sup> edn	Kale, M U & M S Supe		2014	1	900	900
27	Open Channel Hydraulics .	Chow VT	Mc-Graw Hill. Cost:	1959	10	4710	47100
28	Participatory Management of Natural Resources: Irrigation tanks in Panchayats	Raghupathy, V		2004	2	450	900
29	Peoples Participation and Irrigation Management	Satish, S & A Sunder		1990	2	300	600

30	Peoples Participation in Watershed Management	Roy,Upendra Nath		2005	2	1200	2400
31	Post Harvesting Engineering	D.K. Singh	Oxford Book Co.	2012	10	1995	19950
32	Rain Water Harvesting	D.K. Singh	Oxford Book Co.	2012	10	2000	20000
33	Rainwater Management: Theory and Practices	M.L. Jat,O.P .Gil,B.S. Deora & Vivek Kumar		2017	10	750	7500
34	Remote Sensing Application in Dryland Agriculture	William Galbraith	Publisher Agrotech Press.	2014	10	1825	18250
35	Remote Sensing for Natural Resources Management and Monitoring	Mahesh Gaur et al.		2017	1	4150	4150
36	Remote Sensing: Principles and Applications	A.N. Patel & S. Singh		2017	10	175	1750
37	Soil and Water Conservation Engineering	Dr. Bimal Chandra Mal			10	400	4000
38	Soil and Water Conservation Engineering	Dr. G Das			10	400	4000
39	Soil Water Engineering: Field and Laboratory Manual	Trout, Thomas j et al		2012	2	550	1100
40	Textbook of Drainage Engineering	Ashok Kumar Gupta	Oxford Book Co.	2014	10	2400	24000
41	Warehouse Construction: Design and Storage	A.K. Verma	Oxford Book Co.	2012	10	1895	18950
42	Wastewater Irrigation: Hazard or Lifetime	Sharma, R N		2008	2	550	1100
43	Water Harvesting: A Manual for the Design and Construction of Water Harvesting Schemes for Plant Production	Critchley, Will et al		2013	2	600	1200
44	Watershed and Drainage	Drick Deep	Oxford Book Co.	2010	10	1175	11750
45	Watershed Management Programmes: remote Sensing and GIS Approach	Kumar, Praveen		2010	2	700	1400
46	Watershed Planning and Management	B L Jana	ATPA		2	600	1200
47	Watershed Planning and Management	Rajveer Singh	Yash		2	600	1200
48	Waste Water Management	Klein Gomes	Oxford Book Co.	2009	10	1295	12950
49	A Text Book of Machine Design.	Sharma, P.C & Aggarwal, D.K.	<i>Katson Publishing House</i>		1		
50	Soil Dynamics in Tillageand Traction.	William, R. Gill & Glen, E .Vanden Berg.	<i>US Govt. Printing Office, Washington, D.C.</i>		1		
51	Soil Dynamics in Tillage and Traction	Gill & Vandenberg.	<i>Supdt. Of Documents, U.S. Govt. Printing Office, Washington, D.C.</i>		1		
52	Testing and Evaluation of Agricultural Machinery.	Metha, M.L; Verma, S.R, Mishra, S.K. & Sharma, V.K.	<i>National Agricultural</i>		1		
53	Testing and Evaluation of Agricultural Machinery and Equipment - Principle and Practice.	Smith, D.W;Sims, B.G & O'Neill D. H.	-		1		
54	Introduction to Operations Research.	Gillett, G.	<i>Tata McGraw Hill.</i>		1		
55	Farm Machinery Management Guide.	Waters, W.K.	<i>Pennsylvania Agric. Extn. Service Spl. Circular No. 1992.</i>		1		
56	Introduction to Ergonomics.	Bridger, R.S.	<i>McGraw Hill.</i>		1		
57	Engineering Properties of Biological Materials.	Singhal, O.P & Samuel, DVK.	<i>SarojPrakasan.</i>		1		
58	Biomass Systems: Principles & Applications.	Mittal, K.M.	<i>New Age International.</i>		1		
59	Farm Machinery (Principles and Application)	Surendra Singh	ICAR, New Delhi		1		

60	Farm Machinery and Management (Maintenance)	Surendra Singh,S. R. Verma	ICAR, New Delhi		1		
61	Solar Energy (Fundamentals and Applications)	H. P. Garg and J. Prakash	Tata Mc Graw Hill		1		
62	Farm Tractor (Maintenance and Repair)	S. C. Jain and C. R. Rai	Standard Publishers and Distributors, Nai Sarak, New Delhi		1		
63	Principles and Application of Technologies in Agriculture Farm Machinery	Sanjay Kumar	Kalyani Publications		1		
64	A Numerical approach in Agricultural Engineering with Objective	Sanjay Kumar	Kalyani Publications		1		
65	Farm Power and Machinery Management 10th edn/Hunt, Donnell, 10th edition	Hunt, Donnell	Today & Tomorrow's Printers and Publishers		1		
66	Farm machinery and Equipment	Nakra C P	Dhanpat Rai & Sons		1		
67	Elements of Agricultural Engineering	Jagadishwar Sahay	Agro Book Agency, Patna		1		
68	Principles of Farm Machinery	Kepner R A Roy Bainer and Berger B L	CBS Publishers and Distributors, delhi-110032		1		
69	Energy Management and Conservation in Agricultural Production and Food Processing	Verma S R Mittal J P & Surendra Singh	USG Publ. & Distr. Ludhiana		1		
70	Tractors and Agricultural Machinery	Srinivasan, K et al			1		

## 2. Plant Breeding and Genetics

S.No	Title of book	Author	Publisher	Year of Publication	Copy required		
1	Plant Breeding (Ed 2016)	S.V. Sai Prasad	New Vishal Publications		5		
2	Practical Plant Breeding	Gupta, S.K.	Agrobios Publisher		5		
3	Recent Advances in oilseed Brassica	H.R. Kalea, S.K. Gupta	Kalyani Publisher		5		
4	Biology and breeding of crucifers	S. K. Gupta	CRC Press		2		
5	Encyclopaedia of Quantitative Genetics and Biometrical techniques in Plant Breeding (Ed 2010)	Parmeshwar Singh	Anmol Publications		2		
6	Molecular Breeding Ed 2009	Yunbi. Xu	CABI		2		
7	Principles of Genetics	Gardner, EJ, Simmons and Snustad	Wiley		4		
8	Cytogenetics	P.K. Gupta			5		
9	Abiotic Stresses: Plant Resistance through Breeding and Molecular Approaches (Crop Science) Ed. 2008	M. Ashraf and Philip Harris	Haworth Press		2		
		Philip Harris					
10	Marker Assisted Plant Breeding Ed. 2015	B.D. Singh, A.K. Singh	Springer		5		
11	Principles of seed Technology Ed. 2013	Phundan Singh	Kalyani Publisher		5		
12	Seed Science and Technology Ed. 2014	P. Ravishankar & Sarika Gowdiperu	Kalyani Publisher		5		
13	Plant Breeding Principles and Methods Ed. 2015	B.D. Singh	Kalyani Publisher		5		
14	Practical Multivariate analysis	A. Afifi, S. May and V.A. Clark	CRC Press		2		
15	Genetic Improvement of field Crops	G.A. Slafer	Marcel Dekker		2		

3. Agronomy							
S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
1	Advances in plant physiology	A Hemantaranjan	Scientific	2017	2	3250	6500
2	Advances in stress physiology of plants	SK panda	Scientific	2017	4	750	3000
3	Agrotechnology for dryland farming 2nd Ed.	AM Dhopte	Scientific	2017	4	740	2960
4	Biofertilizers technology	S Kannaiyan	Scientific	2014	2	2995	5990
5	Climate change and environment	J Sundaresan	Scientific	2013	2	2750	5500
6	Climate change adaptation strategies in agriculture and allied sectors	GSLHV Parsad rao	Scientific	2014	2	2950	5900
7	Crop growth simulation modelling and climate change	M Mohanty	Scientific	2015	2	2950	5900
8	Conservation agriculture technology	R C Singh	Narendra	2017	3	3695	11085
9	Crop management	US Walia	Scientific	2015		550	0
10	Droughts in agricultural production: Mointoring and management	GSSN Rao	Nipa	2015	4	4550	18200
11	Drought mitigation and management	S Kumar	Scientific	2017	1	2650	2650
12	Dryland agriculture	AD Kadlag	Narendra	2017	4	1895	7580
13	Enhancing pulses production: Technologies and strategies	B Gangwar	Nipa	2014	2	4200	8400
14	Economics for energy use in cropping system	Chinnappa	Narendra	2017	4	1895	7580
15	Fertilizer manual	IFDC	Scientific	2017	2	2950	5900
16	Fertilizer and their use 4th Ed	FAO	Scientific	2017	4	575	2300
17	Field Problems	Simerjeet Kour, Tarundeep Kour	PAU	2017	8	395	3160
18	Field Crops	AD Wilson	Narendra	2017	4	1895	7580
19	Fundamentals of agriculture	R L ARYA	Scientific	2015	2	750	1500
20	Greenhouse Gas Emission from agriculture: Mointoring, quantification & mitigation	Pratap Bhattacharya	Narendra	2017	3	3295	9885
21	Glossary of indian crops	NR Das	Scientific	2015	6	350	2100
22	Glossary of terms in crop production	R Ramamoorthy	Scientific	2017	4	950	3800
23	Grassland techniques and management	L N Singh	Scientific	2012	4	699	2796
24	Guide to laboratory establishment for plant nutrient analysis	M R Mosatara	Scientific	2015	2	1150	2300
25	Hill agriculture: Economics and Sustainability	Pawan Sharma	Nipa	2014	2	3850	7700
26	Identification of crop and weed seeds	AF Musli	Scientific	2015	3	1650	4950
27	Irrigation of Crops: Theory, Principles and Practices	R.K.Naresh	Narendra	2017	3	4295	12885
28	Indian Farming: issues and way forward	PS sabharwal	Narendra	2017	4	2295	9180
29	identification of weeds and their control measures	S Singh	Scientific	2014		1650	0
30	Irrigation and nitrogen management in aerobic rice	Biswa R nayak	Nipa	2017	2	1495	2990

31	Legumes in dry areas	D Kumar	Scientific	2012	1	4000	4000
32	Modern technologies for sustainable agriculture	Sunil Kumar	Nipa	2013	2	2650	5300
33	MCQ's in soil science and Agronomy	Brajendra	Nipa	2017	6	495	2970
34	Objective agronomy	Kumar Panu	Narendra	2017	7	1895	13265
35	Organic farming: Scope & uses of biofertilizers	JDS Panwar	Nipa	2016	2	3850	7700
36	Organic agriculture and climate change mitigation	URS Niggli	Scientific	2015	6	575	3450
37	Physiological efficiency for crop improvement	A Hemantaranjan	Scientific	2015	2	3950	7900
38	Physiology of nutrition and environmental stresses on crop productivity	A Hemantaranjan	Scientific	2014	2	3990	7980
39	Plant analysis research methods	SS Narwal	Scientific	2012	4	1650	6600
40	Practical Agrometerology	A K srivastava	Nipa	2011	2	1150	2300
41	Pulses in India	A.A.Reddy	Narendra	2017	2	3295	6590
42	Rainfed agriculture	R.k. nanwal	Nipa	2017	2	2900	5800
43	Textbook of farming system	RK Nanwal	Narendra	2017	4	2495	9980
44	Weeds at a glance	Anil Kumar	Narendra	2017	4	2295	9180

#### 4. Agricultural Extension Education

S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
1	Objective Agricultural Extension	Baru Rituraj, Barua S, Barman Utpal, Sharma Jayanta Kumar	Kalyani Publishers	1st 2015	3	195	585
2	Textbook of Rural Sociology and Educational Psychology (Theory & Practice)	Mondal, Sagar	Kalyani Publishers	1st 2014	3	160	480
3	Agricultural Extension	Mondal, Sagar	Kalyani Publishers	1st 2015	3	300	900
4	Rural Agricultural Work Experience (RAWEE) Programme Practical Manual	Narian Sarju, Lakhon Singh	Kalyani Publishers	1st 2016	3	160	480
5	Extension Education	Ranjit Singh	Kalyani Publishers	1st 2015	3	300	900
6	Information Technology-An Effective Tool in Agricultural Communication	Reddy Gagan, Mohan M.	Kalyani Publishers	1st 2012	3	110	330
7	Agro-Entrepreneurship	Shakti Ranjan Panigrahy & Baljeet Singh	Scientific Publishers	2017	1	325	325
8	Communication Techniques in Farm Extension	Rathakrishnan, T., Israel Thomas, M. & Nirmala, L.	Scientific Publishers	2010	1	1250	1250

9	Entrepreneurship Development and Communication Skills	Chole, R. R., Kapse, P.S. & Deshmukh, P.R.	Scientific Publishers	2017	3	275	825
10	Extension Education- New Horizons	Vasantha R., Kirna S.	Kalyani Publishers	1st 2001	3	95	285
11	Research Methodology in Social Sciences	Shridhar Patil Aditya	NIPA	2016	1	1495	1495
12	Question Bank in Extension Education	Mohammad, Asif & K. Ponnusamy	NIPA	2015	2	425	850

#### 5. Microbiology

S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
1	Essentials of Microbiology	AK Rathoure, A Bhatt, A Shrivastava, K Katiyar	Brillion Publishers	2017	5	Rs 1,995.00	Rs.9975.00
2	Microbiology, 2nd Edition	Dave Wessner, Christine Dupont, Trevor Charles, Josh Neufeld	Wiley publishers	2016	2	Rs. 6240/-	Rs.12480/-
3	Molecular Genetics of Bacteria, 5th Edition	Jeremy W. Dale, Simon F. Park	Wiley publishers	2010	2	Rs.6370/-	Rs.12740/-
4	Diagnostic Bacteriology: a Study Guide	Margaret A. Bartelt	F.A. Davis publishers	2000			
5	Methods in microbiology, Volume 44, 1st Edition	Colin Harwood	Academic Press, Elsevier	2017	1	Rs 11050/-	Rs 11050/-
6	Viruses From Understanding to Investigation,	Susan Payne	Academic Press, Elsevier	2017	2	Rs. 6890/-	Rs.13780/-
7	Myxomycetes, Biology, Systematics, Biogeography and Ecology, 1st Edition	Carlos Alvarado Steven Stephenson	Academic Press, Elsevier	2017	1	Rs.5460/-	Rs.5460/-

#### 6. Sericulture

S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
1	Application of Biotechnology in Sericulture	R. Venkatesh Kumar V. Shyam Kumar	Stadium press (India) Pvt. Ltd.	January ,2011	2	1256	2512
2	Laboratory Techniques in Sericulture	R.K.Goel	APH Publishing Corporation	August , 2007	5	929	4648
3	Mulberry Cultivation	R.K. Patnaik	Biotech Books	April , 2008	5	540	2700
4	Recent Trends in Sericulture	Dilip Kumar	Narendra Publishing House	January,2011	2	3130	6260
5	Sericulture	J.P.A Shankar R.Reddy	Common wealth publisher	January, 2009	5	1805	9025
6	Sericulture	P. Venkatanarasiah	Ashish Publishing House	January , 1992	5	4671	23355
7	Silk Culture	S. Anathanarayanan	Biotech Books	April,2008	2	540	1080
8	Silkworm Crop Protection: Concept and Approaches	Mohd. Ashraf Khan Tribuwan Singh	Daya Publishing House	January, 2011	5	1195	5975

9	Silkworm Egg Science : Principles and Protocols	T.Singh	-do-	January, 2010	5	4186	20933
10	Silkworm Rearing	S. Anathanarayanan	Biotech Books	April, 2008	5	17379	86895
11	Textbook of Sericulture	S. Rawat S.K.Rao	Commonwealth Publisher	January,2012	5	Not available	Not available

### 7. Agricultural Economics & ABM

S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
1	Agricultural Business Management	Prof. H.L Nagaraja Murtha	Himalaya Publishing House		5	298	1490
2	Sustainable Value Chain Management	Michael D'heur	Springer		1	5112	5112
3	Project management case studies	Harold kerzner	Pearson		1	960	960
4	Case study in Marketing	Kanwal Nayan Kapil	Pearson		5	208	1040
5	Strategic Marketing Problems: Cases and	Kerin	Pearson		5	210	1050
6	Fundamentals of Agricultural Economics with Perspectives from Indian Agriculture	C.H.Shah	Kalpaz Publications		4	360	1540
7	Case study in Finance	Robert Bruner	McGraw Hill Education		1	975	975
8	Case Study Research: What, Why and How?	Peter Swanborn	Sage South Asia		3	294	882
9	Retail Management	N.K. Sahni & Mani Parti	Kalyani Publishers		2	350	700
10	Consumer behavior	Schiffman & Kumar	Pearson		5	749	3745
11	Marketing 4.0 Moving from Traditional to Digital	Philip Kotler	Wiley		5	499	2495
12	Concept in Strategic Management and Business Policy	Wheelen & Kansal	Pearson		5	599	2995
13	Sales and Distribution Management	Tapan K. Panda	Oxford		5	675	3375
14	Research Methodology (Methods & Techniques)	C.R. Kothari	New Age International		3	275	825
15	Human Resource Management	Gary Dessler	Pearson		5	799	3995
16	Marketing Research Text & Cases	Rajendra Nagundkar	Mc Graw Hill		5	675	3375
17	Business Communication	Meenakshi Raman	Oxford		5	550	2750
18	Consumer behavior	Schiffman & Kumar	Pearson		5	749	3745
19	Marketing 4.0 Moving from Traditional to Digital	Philip Kotler	Wiley		5	499	2495
20	Concept in Strategic Management and Business Policy	Wheelen & Kansal	Pearson		5	599	2995
21	Sales and Distribution Management	Tapan K. Panda	Oxford		5	675	3375
22	Research Methodology (Methods & Techniques)	C.R. Kothari	New Age International		3	275	825
23	Human Resource Management	Gary Dessler	Pearson		5	799	3995
24	Marketing Research Text & Cases	Rajendra Nagundkar	Mc Graw Hill		5	675	3375
25	Business Communication	Meenakshi Raman	Oxford		5	550	2750

### Agricultural Economics

1	A Textbook Of Economic Analysis	H. S. Agarwal	Ane Books Pvt Ltd,	2007	1	500	500
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2	Economics of Farm Production and Management	V. T. Raju	Oxford and IBH	2010	2	275	550
3	Agricultural Economics	Subba Reddy	Oxford and IBH	2006	3	450	1350
4	Introduction To Agricultural Economics And Agribusiness Management	Talathi	Ane Books Pvt Ltd,	2008	3	176	528
5	Agriculture Development in India	Anil Bhat	NIPA	2018	20	800	16000
6	Agricultural Marketing in India	S.S. Acharya	OXF-IBH	2010	2	338	776
7	Marketing Management	Tejashree Patankar	IBH	2010	1	405	405
8	Fundamentals of Agricultural Economics	A N Sadhu, Amarjit Singh	Himalaya	-	2	260	520
9	Agricultural Production Economics	K. Palanisami	Associated Publishing Company	2011	2	800	1600
10	Economics of Agriculture	A. A. Rane	Atlantic	2007	1	995	995
11	Co-operative Agricultural and Rural Development Banks	Jaya S. Anand	Atlantic	-	1	300	300
12	Computers in Agriculture	Manish Sharma	NIPA	2017	15	1495	22425
13	Agricultural Economics	O. S. Shrivastav	Rawat Books	-	1	400	400
14	Advanced Macroeconomics	K. R. Gupta	Atlantic	2010	2	907	1814
15	Agricultural Economics	D S Chauhau	Chauhau Press	2007	1	2125	2125
16	Macroeconomics	Arjun Y. Pangannavar	Atlantic	2012	1	372	372
17	Agricultural economics	N Jeyakumar	Neha Publishers & Distributors	-	1	488	488
18	Agricultural Production Economics Second Edition	Dr. David L. Debertin	CreateSpace Independent Publishing Platform	2012	1	£11.25	994.16
19	Basic Econometrics	Damodar N Gujarati	Tata McGraw Hill	2012	1	599	599
20	Agricultural Finance and Management	Pranav Desai	Biotech Books	-	2	827	1654
21	Objective Agricultural Economics	I K Meena	NIPA	2018	10	495	4950
22	Agricultural Production Economics and Resource-use	Martin Upton	Oxford University Press	2012	2	1194	2388
23	Farm management : theory and practice	Reji D. Nair	Concept	2011	2	600	1200
24	Economics Of Agricultural Production And Farm Management	J. M. Dhaka	Aavishkar Publishers	2009	2	723	1446
25	Agricultural Marketing in India	R. S. Dixit	Shubi Publisher	2006	2	950	1900
26	New Dimensions Of Agricultural Marketing	Mahesh Khurana	Cyber Tech Publications	2011	1	750	750
27	Agricultural Marketing Structural Models For Price Analysis	James Vercammen	Routledge	2011	2	3067	6134
28	Agriculture Marketing	Ramesh Chand	KhelSahitya Kendra	2011	2	650	1300
29	Economics of Production and Marketing of Citrus	Anil Bhat, JyotiKachroo	Daya Publishing House	2012	10	800	8000
30	Agri- Business Management	J S Amarnath, Dr. Ap V Samvel	Satish Serial Publishing House	2008	2	1244	2488
31	Research Methodology in Social Sciences	Shridhar Patil	NIPA	2016	5	1495	7475
32	Agri-Business: Marketing and Management	S. N. Choudhary	D.K.Publisher	2011	2	1836	3672
33	Agricultural marketing (new trend & techniques)	K. K. TIWARI	DND Publications	2012	1	975	975
34	Practicals in Agricultural Economics	Pawan K Sharma, Sudhakar Dwivedi, Anil Bhat	Astral International Pvt. Ltd.	2014	10	695	6950





9. Food Science Technology (FST)							
S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
1	Advances in Fruits & Vegetables Processing and Preservation	V.K.Joshi	NIPA	2017	2	3,995/-	7,990/-
2	Chemical Analysis of Food : Techniques and Applications	Yolanda Pica	Academic Press	2012	1	10,300/-	10,300/-
3	A Handbook for Food Technologies	Poshadari, A.	NIPA	2013	2	3,600/-	7,200/-
4	Preservation of Fruits and Vegetables	Srivastava & Kumar	Kalyani Publishers	2008	6	250/-	900/-
5	Advances in Preservation and Processing Technologies of Fruits & Vegetables.	Rajarathan, S.	NIPA	2011	2	4,000/-	8,000/-
6	Food Science	Chauhan, O.P.	NIPA	2013	10	3,650/-	36,500/-
7	Laboratory Manual of Microbiology	Roy, A.K.	NIPA	2010	2	850/-	1,700/-
8	Instrumental Methods in Food Analysis	Pare & Belanger	Elsevier	2011	1	22,500/-	22,500/-
9	Innovations in Food Technologies	Saiti	NIPA	2017	5	2,700/-	13,500/-
10	Question Bank in Post Harvest Technology	Guleria, S.P.S	NIPA	2010	3	275/-	825/-
11	Cereals Processing and Nutritional Quality	Ram Sewa	NIPA	2010	5	2,250/-	11,250/-
12	Post Harvest Technology of Fruits & Vegetables (Vol. 1)	V.K.Joshi & L.R.Verma	Indus Publishing	2009	5	2,200/-	11,000/-
13	Post Harvest Technology of Fruits & Vegetables (Vol. 2)	V.K.Joshi & L.R.Verma	Indus Publishing	2009	5	2,200/-	11,000/-
14	Post Harvest Management and Processing of Fruits & Vegetables	Sharma, Satish	NIPA	2010	10	950/-	9,500/-
15	Cereal Grains: Evaluation, Value Addition & Quality Management.	Saxena, D.C.	NIPA	2013	5	1,800/-	9,000/-
16	Food Analysis and Quality Control	Gupta,Charu,Prakash, Dhan, & Gupta, Sneh	Lambert	2013	2	3,299/-	6,598/-
17	Food Process Engineering and Technology	Akash Pare	NIPA	2011	5	2,400/-	12,000/-
18	Quality Control for Value Addition in Food Processing	Dev Raj	NIPA	2011	5	1,450/-	7,250/-

10. Statistics & Computer Science							
S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
1	A Text Book of Agricultural Statistics	R. Rangaswamy	New Age International (P) Ltd., Publishers, 7/30 A, Darya Ganj, New Delhi-110 002, INDIA	399	15	5985	
2	Design and Analysis of Experiments	M.N. Das & N.C.Giri	New Age International (P) Ltd., Publishers, 7/30 A, Darya Ganj, New Delhi-110 002, INDIA	999	15	14985	
3	Fundamentals of Applied Statistics	S.C.Gupta & V.K.Kapoor	Sultan Chand & Sons , 23, Daryaganj, Ansari Road, New Delhi 110002	475	10	4750	
4	Mathematics and Statistics for Biology	Lokanath Sahoo, Rajni Ballav Dash, Dharendra Kumar Dala	Kalyani Publishers, 4779/23, Ansari Road, Darya Ganj, New Delhi-110002 India	325	10	3250	

5	Biostatistics: Basic Concepts And Methodology	K.S. Kushwaha	New India Publishing Agency 101, Vikas Surya Plaza, CU Block, L.S.C. Mkt. Pitam Pura, New Delhi- 110088, India	1450	5	7250
6	Statistical Methods For Agricultural Field Experiments	Katyal, Vijay & B.Gangwar	New India Publishing Agency 101, Vikas Surya Plaza, CU Block, L.S.C. Mkt. Pitam Pura, New Delhi- 110088, India	895	5	4475
7	Applied Statistics For Agricultural Sciences	D.Venkatesan	New India Publishing Agency 101, Vikas Surya Plaza, CU Block, L.S.C. Mkt. Pitam Pura, New Delhi- 110088, India	4200	5	21000
8	Computers in Agriculture: Fundamentals and Applications	Manish.K.Sharma, Anil Bhat & M. Iqbal Jeelani Bhat	New India Publishing Agency 101, Vikas Surya Plaza, CU Block, L.S.C. Mkt. Pitam Pura, New Delhi- 110088, India	1495	5	7475
9	Agricultural Statistics: A Guide For Competitive Examinations	K.S. Kushwaha	New India Publishing Agency 101, Vikas Surya Plaza, CU Block, L.S.C. Mkt. Pitam Pura, New Delhi- 110088, India	550	5	2750
10	Fundaments of Mathematical Statistics	S.C.Gupta & V.K.Kapoor	Sultan Chand & Sons , 23, Daryaganj, Ansari Road, New Delhi 110002	590	10	5900
11	Mathematics	R.D.Sharma	Dhanpat Rai Publications, 22- Ansari Road, Daryaganj, New Delhi - 110002	365	10	3650
12	Statistical Methods and Practice : Recent Advances	N. Balakrishnan, N. Kannan and M.P. Singh	Narosa Publishing House Pvt. Ltd.	780	5	3900
13	Introduction to Bio-Statistics	Pranab Kumar Banerjee	Sultan Chand & Sons , 23, Daryaganj, Ansari Road, New Delhi 110002	175	5	875
14	Advanced Sampling Theory with Application: How Michael "Selected" Amy	Sarjinder Singh	Kluwer Publishers	8732	1	8732
15	Agricultural Statistics: Techniques and Procedures	Mandal, R.C. and Nambiar, P.T.N.	Agrobios (India), Jodhpur (Rajasthan)	550	5	2750
16	Applied Mathematics	Kaliasam, C. ; Selvi, R.P. and Vasanthi, R.	Agrobios (India), Jodhpur (Rajasthan)	1200	5	6000
17	Statistical Methods	Dhamu, K. P. and Ramamoorthy, K.	Agrobios (India), Jodhpur (Rajasthan)	1500	5	7500
18	Statistical Techniques and Designs	Shelke, D.K.	Agrobios (India), Jodhpur (Rajasthan)	495	5	2475
19	Biostatistics and Biometry	Parihar, P. and Parihar, L.	Agrobios (India), Jodhpur (Rajasthan)	120	10	1200
20	Agricultural Statistics: A guide for competitive Examinations	Kushwaha, K. S.	New India Publishing Agency, New Delhi	325	10	3250
21	Applied Computational Biology and Statistics in Biotechnology and Bioinformatics	Edited by Ajit Kumar Roy	New India Publishing Agency, New Delhi	3995	2	7990
22	Basic concepts in Statistics	Kushwaha, K. S.	New India Publishing Agency, New Delhi	750	5	3750

23	Objective Agriculture Statistics	Kushwaha, K. S.	New India Publishing Agency, New Delhi	295	5	1475	
24	The Theory of Sample Surveys and Statistical Decisions	Kushwaha, K. S.	New India Publishing Agency, New Delhi	990	5	4950	

11. Entomology							
S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
1	Entomology : A textbook	Sehgal P. K.	NIPA	2018	5	295	1475
2	Elements of economic Entomology	BV David and VV Ramamurthy	Namrutha Publications, Chennai	2016	10	350	3500
3	Pesticides residue Analysis	KK Sharma	ICAR, new Delhi	2016	2	700	1400
4	Handbook of Entomology	TV Prasad	New Vishal Publications, new Delhi	2016	5	400	2000
5	Pest management and residue analysis in horticultural crops	Rachna Gulati	NIPA	2013	1	1695	1695
6	Objective Guide in Entomology	Devinder Sharma and V. Kaul	NIPA	2017	30	350	10500
7	Pests of vegetables : Bionomics and management	Laskar nripendra	NIPA	2015	1	3850	3850
8	Pesticides : methods of their residue detection	Beena Kumari	NIPA	2010	1	950	950
9	Catalogue of Indian insects (5 volume)	Fletcher, Thomas Brainbrige	Astral Publications	2016	1	9995	9995
10	Agricultural acaralogy	Chillar BS, Gulati R and P Bhatnagar	-do-	2015	1	1000	1000
11	Crop pest management : At a glance	Rakesh Kumar Sharma	-do-	2017	3	345	935
12	Insect and fruits	D K Bhutani	-do-	2016	2	2495	4990
13	Insect and vegetables	D K Bhutani	-do-	2016	2	1795	3790
14	Madhumakhi palan : Mahatav, utpadan evm upyog	Sunil K Mandal and Anita Kumari	-do-	2016	1	580	580
15	Ecologically based integrated pest management (Vol -I & II)	D. P. Abrol	NIPA	2016	1	3500	3500
16	Recent advances in Pollination Biology	D. P. Abrol and R. K. Thakur	Kalyani Publishers	2017	2	350	700
17	Non insect pests and their management	Choudhary RK, Singh SB and Upadhayay	-do-	2017	1	450	450
18	Objective Agricultural entomology	Bagde Abhay kumar	-do-	2017	1	350	350
19	Integarted pest management : current concepts and ecological perspectives	Abrol D. P.	Astral pub.	2017	1	3995	3995
20	Masalon ke keet prabhandan	Abhishek Shukla	Astral pub.	2018	2	995	1990
21	Pests of ornamental crops	TV sathe	Astral pub	2017	1	950	950
22	Question bank on Entomology	Supriya Bishwas	-do-	2017	2	500	1000
23	Textbook of forest entomology	Sathe TV	-do-	2017	1	350	350
24	A colour handbook of field problems of kharif crops : Identification, treatment and management	Reena Sinha	-do-	2018	1	2195	2195
25	A colour handbook of field problems of Rabi crops : Identification, treatment and management	Reena Sinha	-do-	2018	1	2195	2195
26	Integarted pest management in the tropics (2 vol.)	D. P. Abrol	-do-	2016	1	7400	7400

12. Plant Physiology							
S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
1	Plant Physiology and Development sixth edition	Lincoln Taiz and Eduardo Zeiger	Sinauer associates	2014	2	6764/-	13528
2	Physiological disorders of Fruit Crops	Savreet, Sandhu	New India Publishing Agency, India	2013	2	1450	2900
3	Abiotic & Biotic stress Management in Plants: V-01 Abiotic stress	Sinha, B. K. and Reena	New India Publishing Agency, New Delhi	2017	2	2495/-	4990/-
4	Abiotic & Biotic stress Management in Plants: V-02 Abiotic stress	Sinha, B. K. and Reena	New India Publishing Agency, New Delhi	2017	2	2018/-	4036/-
5	Plant and Crop Modeling: A Mathematical Approach to Plant and Crop Physiology	John H, Thornley M & Johnson IR	Blackburn Press	2015	1	5725	5725
6	Plant Physiology: The Structure of Plant Explained	Edwin Oxlade & Graham Lawler (Year)	Gimp Ltd	2007	2	887	1774
7	Physiology of Herbicide Action	Devine MD, Duke SO & Fedtake C	Prentice Hall	1993	1	19796	19796
8	Plant Productivity Under Environmental Stress	Karan Singh & Purohit S.S	Agrobios	2000	2	860	1720
9	Principles of Seed Science and Technology	Copeland and Mc Donald	Springer Science + Business Media, LLC	2001	1	12322	12322
10	Hormone Action in the Whole Life of Plants	Thimann K.V.	Massy	1975	1	6202	6202
11	Lehninger Principles of Biochemistry 5th Ed.	Nelson DL & Cox MM	John Wiley & Sons	2008	2	5950	11900
12	Abiotic Stresses and Plant Productivity	Ram, P.C.	United Book Traders		3	1150	3450
13	Assimilate Transport in Plants	Kursanov, A.L.	-do-		1	16629	16629
14	Biochemistry & Molecular Biology of Plants	Buchanan, B.B.	-do-		2	1595	3190
15	Chromosome Manipulation for Resistance to Biotic and Abiotic Stresses	Mehetre, S.S.	-do-		2	600	1200
16	Crop Production in Stress Environment	Johnson, C.	-do-		3	1195	3585
17	Crop Stress Management & Global Climate Change	Araus, J.L.	-do-		2	6594	13188
18	Diagnosing Nutritional Disorders in Field Crops and their Management	Brajendra	-do-		4	495	1980
19	Environmental Physiology	Hemantaranjan, A.	-do-		2	1850	3700
20	Herbicides and Plant Metabolism	Dodge, A.D.	-do-		2	7297	14594
21	Iron Channels and Plant Stress Responses	Demidchik, V.	-do-		1	9674	9674
22	Nutritional and Physiological Disorders in Crop Plants	Rajendran, C.	-do-		3	1450	4350
23	Plant Physiology under Changing Environment	Hemantaranjan, A.	-do-		2	1750	3500
24	Reproductive Allocation in Plants	Reekie, E.G.	-do-		1	6946	6946
25	Salicylic Acid A Plant Hormone	Hayat, S.	-do-		1	11163	11163
26	The Molecular and Physiological Basis of Nutrient Use Efficiency in Crops	Hawkesford, M.J.	-do-		1	13353	13353

13. Plant Pathology							
S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
<b>Priority 1</b>							
1	Essential Plant Pathology, 2 <sup>nd</sup> Edition	G. L. Schuman and Cleora J. D. Archy	- do -	2009	5	\$ 58.50	\$292.50
2	Plant Growth Promoting Rhizobacteria for Horticultural Crop Protection	Parvatha Reddy	Springer India	2014	1	1399.99	1399.99
3	Diseases of Fruit Crops	A. K. Misra and P. Chowdappa and Pratibha Sharma and R.K. Khetarpal	-do-	2012	2	Rs. 2995.00	Rs. 5990.00
4	Recent Advances in the Diagnosis and Management of Plant Diseases	L. P. Awasthi	Springer India	2015	1	129.99	129.99
<b>Priority 2</b>							
1	Laboratory Guide for identification of Plant Pathogenic bacteria 5 <sup>th</sup> Edition	N.W. Schaad, J.B. Jones and W. Chun	American Phytopathological Society (APS Press)	2001	3	69.00 \$	\$207.00
2	Soil Solarization: Theory and Practices	Abraham Gamliel and J. Katan	- do-	2012	2	\$ 199.00	\$398.00
3	Illustrated Dictionary of Mycology 2 <sup>nd</sup> Edition	Miguel Ulloa and Richard T. Hanlin	-do-	2012	2	\$ 169.00	\$338.00
4	Applications of Information Theory to Epidemiology	Gareth Hughes	-do-	2012	1	\$ 119.00	\$119.00
5	Plant Bacteriology	Clarence I. Kado	-do-	2010	3	\$ 139.95	\$ 419.85
6	Plant Bacteriology and Plant Diseases Caused by Bacteria	Clarence I. Kado	-do-	2010	1	\$ 348.95	\$ 348.95
7	Illustrated Glossary of Plant –Pathological Terms	C.J. D'Arcy, D.M. Eastburn, and G. L. Schumann	-do-	2001	5	\$ 11.95	\$ 59.75
8	The Kingdom of Fungi	Jens H. Petersen	-do-	2013	1	\$ 29.95	\$ 29.95
9	Alternaria: An Identification Manual	Emory G. Simmons	-do-	2007	1	\$ 289.00	\$ 289.00
10	Laboratory Guide for Identification of Plant Pathogenic Bacteria, Third Edition	N.W. Schaad, J.B. Jones, and W. Chun	-do-	2001	1	\$ 79.00	\$ 79.00
11	Population Biology of Plant Pathogens: Genetics, Ecology, and Evolution	Michael G. Milgroom	-do-	2015	1	\$ 325.00	\$ 325.00
12	Plant Pathogen Detection and Disease Diagnosis : 2nd Ed.	P. Narayanasamy	CRC Press	2001	2	£183.00	£ 366.00
13	Phytotoxins and Plant Pathogenesis	A. Graniti, R. D. Durbin and A. Ballio	Springer Berlin Heidelberg	1991	2	£ 75.50	£151.00
14	Post harvest Pathogens and Disease Management	P. Narayanasamy	Wiley India	2008	1	Rs. 1433.00	Rs. 1433.00
15	Diseases of Vegetable Crops	Steferud Alfred ed	Biotech Books	2005	1	Rs. 900.00	Rs. 900.00
16	Morphology and Taxonomy of Fungi	Ernst Athearn Bessey	-do-	2015	1	Rs. 2950.00	Rs. 2950.00
17	Ecofriendly Innovative Approaches in Plant Disease Management	Vaibhav K. Singh, Yogendra Singh and Akhilesh Singh	International Book Distributers	2012	1	Rs. 5,500.00	Rs. 5,500.00
18	Crop Diseases and Their Management	H. S. Chaube and V. S. Pundhir	PHI Learning Pvt. Limited	2009	2	Rs. 625.00	Rs. 1250.00
19	Fundamentals of Bacterial Plant Pathology	Masao Goto	Academic Press	1992	1	USD 72.95	USD 72.95
20	Annual Review of Plant Pathology Vol 2	Thind, T D et al eds	-do-	2004	1	Rs 2650.00	Rs 2650.00

21	Annual Review of Plant Pathology Vol 3	Khetarpal, R K et al eds	-do-	2005	1	Rs 2650.00	Rs 2650.00
22	Annual Review of Plant Pathology Vol 4	Reddy, S M & H N Gour eds	-do-	2008	1	Rs 2650.00	Rs 2650.00
23	Annual Review of Plant Pathology Vol 5	Bagyanarayana, G et al	-do-	2013	1	Rs 2650.00	Rs 2650.00
24	Basic Plant Pathology Methods 2nd edn	Dhingra, Onkar D & James B Sinclair	-do-	2014	1	Rs 2495.00	Rs 2495.00
25	Concepts in Plant Pathology	Choyal, Rajaram	-do-	2013	1	Rs 1325.00	Rs 1325.00
26	Diagnosis Of Plant Viruses and Allied Pathogens	Ahlawat Y S	-do-	2010	1	Rs 595.00	Rs 595.00
27	Frontiers in Microbial Biotechnology and Plant Pathology	Manoharachary, C et al eds	-do-	2002	1	Rs 1950.00	Rs 1950.00
28	Handbook Of Diseases Of Vegetable Crops : Identification , Diagnosis And Treatment , 2 Volumes Set	Stuart Smith	-do-	2014	1	Pd 125.00	Pd 125.00
29	Handbook of Plant Pathology	Singh, Ajit Kumar et al	-do-	2016	1	Rs 1600.00	Rs 1600.00
30	Integrated Plant Pathology	Reddy, S M & H N Gour eds	-do-	2009	1	Rs 1950.00	Rs 1950.00
31	Introduction to Plant Pathology	Nasim, S A	-do-	2013	1	Rs 850.00	Rs 850.00
32	Microbiology and Plant Pathology	Zingare, A K	-do-	2013	1	Rs 995.00	Rs 995.00
33	Microbiology Fungi and Plant Pathology	Hussain, G Jahir	-do-	2011	1	Rs 900.00	Rs 900.00
34	Modern Plant Pathology	Dube, H C	-do-	2010	1	Rs 2000.00	Rs 2000.00
35	Modern Technology of Plant Pathology	Suri, Vaibhav	-do-	2009	1	Rs 700.00	Rs 700.00
36	Molecular Methods in Plant Pathology	Singh, Rudra P & Singh, Uma S	-do-	2015	1	Rs 5995.00	Rs 5995.00
37	Mycology and Plant Pathology	Subrahmanyam, N S & A V S S Sambamurty	-do-	2001	1	Rs 995.00	Rs 995.00
38	Perspective of Plant Pathology in Genomic Era	Chowdappa, P. et. al.	-do-	2016	1	Rs 5995.00	Rs 5995.00
39	Perspectives in Phytopathology	V.P. Agnihotri & N. Singh & H. S. Chaube	-do-	1989	1	Rs 695.00	Rs 695.00
40	Plant Pathology 5th edn	Agrios, George N	-do-	2006	1	Rs 2495.00	Rs 2495.00
41	Plant Pathology and Biotechnolgy	Singh, Sheetal	-do-	2014	1	Rs 3000.00	Rs 3000.00
42	Plant Pathology and Plant Pathogens 3rd edn	Lucas, John A	-do-	2013	1	Rs 995.00	Rs 995.00
43	Plant Pathology: A Research Work for Agriculture Horticulture Forestry Mycology and Plant Pathology Students in 3 Vols	Foister, C E et al	-do-	2008	1	Rs 6500.00	Rs 6500.00
44	Principles of seed pathology, 2nd edition	Agarwal vijendra k. et.al	-do-	2014	1	Rs 2,495.00	Rs 2,495.00
45	Textbook of Plant Pathology: Pathogen & Plant Disease	Azad, Ismael	-do-	2016	1	Rs 2100.00	Rs 2100.00
46	Vistas in Mycology and Plant Pathology	Gangawani, L V et al eds	-do-	2000	1	Rs 1100.00	Rs 1100.00
47	One Hundred Years of Plant Pathology in India: An Overview	S.S. Chahal , R.K. Khetarpal & T.S. Thind (Eds)	Scientific Publishers	2006	1	Rs 1675.00	Rs 1675.00
48	Textbook of Plant Pathology: Pathogen & Plant Disease	Azad, Ismael	-do-	2016	1	Rs 2100.00	Rs 2100.00
49	Vistas in Mycology and Plant Pathology	Gangawani, L V et al eds	-do-	2000	1	Rs 1100.00	Rs 1100.00
50	One Hundred Years of Plant Pathology in India: An Overview	S.S. Chahal , R.K. Khetarpal & T.S. Thind (Eds)	Scientific Publishers	2006	1	Rs 1675.00	Rs 1675.00
51	Postharvest Pathogens and Disease Management	Narayanasamy P.	John Wiley & Sons	2006	2	Rs. 10050.00	Rs. 20100.00

52	Mushroom Biotechnology	Marian Petre	Academic Press	2015	1	USD 84.96	USD 84.96
53	Diseases of Fruit Crops	A.K. Misra et al.	Indian Phytopathological Society	2013	1	2396	2396
54	Plant Pathology in India: Vision 2030	T.S. Thind <i>et. al.</i>	-Do-	2011	1	1350	1350

14. Agroforestry							
S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
1	Environmental Science	Ahluwalia VK & Malhotra S.	Ane Books India	2008	10	325/-	3250/-
2	The Text Book of Forest ecology, Biodiversity and conservation	Sahoo, AK	Daya Publishing House, New Delhi	2010	2	395/-	790/-
3	A textbook of environmental Science	Vidhya Thakur	Scientific Publisher	2012	3	250/-	750/-
4	Introduction to Environmental Science	Anjaneyulu Y.	BS Publications	2004	5	503.87	2519.35/-
5	Environmental Studies, 3 <sup>rd</sup> Edition	Chauhan B.S	Jain Brothers	2009	5	295/-	1475/-
6	Environmental Science- Principles and Practice	RC Behera & DK Das	Prentice-hall of India Pvt. Ltd.	2008	10	175/-	1750/-
7	Essentials of Environment Science	Dhaliwal GS & Kukal SS.	Kalyani Publishers	2005	5	275/-	1375/-
8	A text book of Silviculture	Dwivedi, A.P.	International Book Distributors, Dehradun	2004	2	\$157.50	
9	Forest Management	Ram Prakash,	International Book Distributors, Dehradun	2006	5	796/-	3980/-
10	Forest Mensuration	Chaturvedi, A.N. and Khanna, L.S.	International Book Distributors, Dehradun	1994	5	760/-	3800/-
11	Ecology and Environment	Sharma PD	Rastogi publication, Meerut		4	525/-	2100/-
12	Applied Forest Tree Improvement	Zobel & Talbert	Wiley & Sons, N.Y		2	\$150	
13	Fundamentals of Ecology	Odum Eugene P.	Cengage 5 <sup>th</sup> ed.		2	650/-	1300/-
14	Silviculture Basis for agroforestry systems	Florencia montagini, Mark S. Ashton	CRC Press	1999	1	2599/-	2599/-
15	Tree crop interaction of agroforestry in changing climate 2nd ed.	Chin K. Ong, Colin black Julia Wilson	CABI	2015	1	\$82.22	
16	Introduction of forest genetics	Janathan W. Wright	Academic Pres, New York		2	7000/-	14000/-
17	Forest Products and Wood Science: 6th ed.	Shmulsky, Rubin	Wiley-Black well,		2	6491/-	12982/-
18	Mechanics of wood & wood composites	Joseph Bodig, Benjamin A. Jayne	Van Nostrand Reinhold	1982	1	\$99.50	
19	Forestry and Environmental Change	John L. Innes	CABI	2005	2	\$140	
20	Growing Plantation forests	PW West	Springer	2014	1	74,99 €	
21	Principle and Practices of Silviculture	Khanna, L.S., 4 <sup>th</sup> Edition	Sanskriti Press	2015	5	495/-	2475/-
22	The practice of Silviculture	Smith	Wiley NY	1996 9 <sup>th</sup> Edition	2	\$188.86	



23	An introduction to Agroforestry	Nair, P.K.R.	Vedams Books Pvt., Ltd, Vardhman Charbia Plaza-4, Building No.9, KP Block, Pitampura, New Delhi	1993	2	\$329	
24	Agroforestry for increased Production and Livelihood Security	S. K. Gupta	Nipa	2017	1	3800/-	3800/-
25	Aromatic Plants: Vol.01. Horticulture Sciences Series	Skaria, B. P. Et.al.	Nipa	2007	1	3750/-	3750/-
26	Climate Change and Agroforestry: Adaptation, Mitigation and Livelihood Security	C.B. Pandey	Nipa	2018	1	3695/-	3695/-
27	Environmental Changes and Natural Disasters	Babar, Md.	Nipa	2007	1	2250/-	2250/-
28	Production Technology of Spices, Aromatic, Medicinal and Plantation Crops	Barche, Swati	Nipa	2016	1	2350/-	2350/-
29	Spices, Plantation Crops, Medicinal & Aromatic Plants	Tyagi, S. K.	Nipa	2015	1	4200/-	4200/-
30	The Management of Forests	Osmoston, F. C	Natraj Publisher	1968	1	2648.96	2648.96

15. Biochemistry							
S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
<b>Priority 1</b>							
1	ENZYMES: Biochemistry, Biotechnology Clinical Chemistry	Trevor Palmer, Phillip Bonner	Affiliated East West Press Private Limited		3		
2	Biochemistry and Molecular Biology of Plants	Bob Buchanan, Wilhelm Gruissem and Russell Jones	I.K. International		3		
3	Principles and Techniques of Biochemistry and Molecular Biology	Keith Wilson & John Walker	Cambridge University 7th edition		2		
4	Introduction to Practical Biochemistry	David T. Plumber	M.C. Graw Hill Education 2015, 3rd edition		3		
5	Introductory to Practical Biochemistry	Sawhney, S.K. and Singh R	Blackwell publishing professional, 2006		2		
6	Principles of Gene Manipulation and Genomics	S.B. Primrose, R.M. Twyman	Blackwell publishing professional, 2006		2		
7	Genomes 3	T.A Brown (2007)	Garland Science Publishing		2		
8	Lehninger: Principles of Biochemistry	David L. Nelson & Michael M. Cox	Pal Grave Macmillian, 5 <sup>th</sup> edition, 2008		3		
9	Biochemistry	U. Satyanarayana ,U. Chakrapani	Elsevier Health Sciences, 2013 June, 4 <sup>th</sup> edition		2		
10	Plant Biochemistry	Walter Heldt, Birgit Piechulla	Elsevier Science, 2011		1		
11	Immunology 7 <sup>th</sup> Ed.	Male D. Brostoff J, Roth DB &Roitt I (2006)	Elsevier		2		
12	UGC CSIR NET/SET (JRF & LS)	Ashish Nagesh, Prashant Kumar, Quaiser J. Hossain	Arrihant Publication Private Limited, Meerut, 2012		4		
13	Fundamentals of Biochemistry	Donald Voet, Judith G. Voet, Charlottewpratt	Wiley, 5 <sup>th</sup> edition		4		

14	Plant Biochemistry and Molecular Biochemistry	Peter J. Lea, Richard C. Leagood	John Wiley & Sons 1998, 2 <sup>nd</sup> Edition		2		
15	Recent Advances in Plant Biochemistry	S.L. Mehta, M.L. Lodha, P.V. Sane	Publications and Information Division, ICAR, Krishi Anusandhan, PUSA, New Delhi		3		
<b>Priority 2</b>							
1	Frefielder Essentials of Molecular Biology	George M Malakrishi	Narosa Publishing House Pvt Ltd		2		
2	Molecular Biology: Understanding Geneic Revolution	David Clark	Academic Press		2		
3	Plant Genes and Crop Biotechnology	DE Sadava & J Martein Chrispeels	Jones & Bartlett Publishers		2		
4	Molecular Biology	Watson	Benjamin Cummings		2		
5	Sustainable Agriculture & New Biotechnologies	N Benkeblia	CRC Press		2		
6	Plant Molecular Breeding	Newbury HJ	Blackwell Publishers		2		
7	Discovery Genomics, Proteomics and Bioinformatics	Campbell AM & Heyer L	Pearson Education		2		
8	Principles of Genome Analysis and Genomics	Primrose SB & Twyman RM	Blackwell Publishers		2		
9	Kuby Immunology	Kindt TJ, Goldsby RA & Osbrne BA	WH Freeman		2		
10	Nanobiotechnology II : More concepts & applications	Niemeyer CM & Mirkin CA	Wiley Interscience		2		
11	Lehninger's Principles of Biochemistry	Nelson DL & Cox MM	WH Freeman		4		
12	Biochemistry (4th Ed.)	Voet D & Voet JG	Wiley International		2		
13	Introduction to Bioinformatics	Attwood TK & Parry - Smith DJ	Pearson Education		2		
14	Bioinformatics: Concepts, Skills and Applications	Rastogi SC, Mendiratta N & Rastogi P	CBS		2		
15	Cereal Genomics	Rajeev K. Varshney, P.K. Gupta	Kluwer Academic Publishers		1		
16	Molecular Marker Systems in Plant Breeding and Crop Improvement	H.Lorz, G. Wenzel	Springer		1		
17	Genetics and Genomics of Triticeae	Catherine Feuillet, Gary J. Muehlbauer	Springer		1		
18	Quantitative genetics, genomics, and plant breeding	Manjit S. Kang	CABI Publishing		1		
19	Genes X	Kreb (2011)	Oxford Univ. Press.		2		
20	Plant Bioinformatics	Edwards (2008)	-----		1		

<b>16. Vice-Chancellor SKUAST-Jammu</b>							
S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
1	National Water Policy Agricultural Scientists Perceptions ISBN:8190042610	N. S. Randhawa	Natioanl Academy of Agricultural Sciences (NAAS)	1998	1		
2	100 Years of Agricultural Sciences in India	R.B.Singh, ed.	Natioanl Academy of Agricultural Sciences (NAAS)		1		

3	Agriculture Cannot Wait: New Horizons in Indian Agriculture ISBN108171886256	M.S.Swaminathan, ed.	Academic Foundation, Ghaziabad	2007	1		
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17. Dean, FOA, SKUAST-Jammu							
S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
1	Agricultural Statistics: A Guide for Competitive Examinations	Kushwaha, K.S.	NIPA, New Delhi	2012	5	550	2750
2	Essence of Horticulture ISBN:9789385516986	M.S. Patil	NIPA, New Delhi	2018	5	595	2975
3	Intellectual Property Rights Demystified	Ramkumar, Mu.	NIPA, New Delhi	2008	5	695	3475
4	MCQs in Agricultural Engineering	Brajendra	NIPA, New Delhi	2018	5	200	1000
5	MCQs in Agricultural Extension	Brajendra	NIPA, New Delhi	2018	5	180	900
6	MCQs in Plant Breeding and Genetics	Brajendra	NIPA, New Delhi	2018	5	180	900
7	MCQs in Plant Pathology	Brajendra	NIPA, New Delhi	2018	5	250	1250
8	MCQs in Soil Science and Agronomy	Brajendra	NIPA, New Delhi	2018	5	295	1475
9	Objective Agriculture Economics	I.K.Meena	NIPA, New Delhi	2018	5	495	2475
10	Objective Agriculture Statistics	Kushwaha, K.S.	NIPA, New Delhi	2011	5	550	2750
11	Objective Agronomy	Vishwakarma, A.	NIPA, New Delhi	2010	5	695	3475
12	Objective Biochemistry	Sengar, R.S.	NIPA, New Delhi	2014	5	695	3475
13	Objective Genetics	Thirugana, K.	NIPA, New Delhi	2015	5	325	1625
14	Objective Guide in Entomology	Devinder Sharma	NIPA, New Delhi	2018	5	350	1750
15	Objective Horticulture: 2nd Revised Ed.	Verma, Anil	NIPA, New Delhi	2018	5	595	2975
16	Objective Microbiology	Nandi, S.	NIPA, New Delhi	2011	5	550	2750
17	Questions and Answers in Agricultural Sciences	Rupinder Singh	NIPA, New Delhi	2018	5	180	900
18	Question Bank in Extension Education	Mohammad Asif	NIPA, New Delhi	2015	5	425	2125
19	Question Bank in Fruit Science	Jarande, S.D.	NIPA, New Delhi	2017	5	300	1500
20	Question Bank in Postharvest Technology	Guleria, SPS	NIPA, New Delhi	2010	5	275	1375
21	Question Bank on Forestry	Gopal Shukla	NIPA, New Delhi	2018	5	295	1475

18. School of Biotechnology (Books to be purchased from FIST Project)							
S.No.	Title of the book	Author	Publisher	Year of Publication	Copies Required	Tentative Cost (Rs.)	Total Cost (Rs.)
1	Molecular Biology of the Cell. 5th Ed	Alberts B, Johnson A, Lewis J, Raff M, Roberts K & Walter P. 2008.	Garland Science/ Taylor and Francis Group.				
2	Modeling for Beginners	Allan Hinchcliffe, 2008	Wiley- Blackwell Publishing.				
3	Fundamental Molecular Biology.	Allison LA. 2011.	Wiley Global Education.				

4	Programming in ANSI C.	Balagurusamy .2008.	Tata McGraw-Hill Education				
5	Bioinformatics: A practical guide to the analysis of genes and proteins	Baxevanis AD, Ouellette BFF.2001.	John Wiley and Sons.				
6	The World of Cell. 5th Ed	Becker K & Hardin.2004	Pearson Edu.				
7	Introduction to Botany	Bendre AM & Pande PC.2009.	Rastogi publications.				
8	Plant Tissue Culture: An Introductory Text	Bhojwani SS & Dantu PK.2013.	Springer				
9	Genomes 2. 2nd ed	Brown T A. 2007	New york:Wiley-Liss.				
10	Genetics: A Molecular Approach. 3rd Ed.	Brown TA.1996.	Stanley Thornes				
11	Proteomics: Methods Express.	Connor DO & Hames BD.2002.	Royal College of General Practitioners.				
12	Gene Cloning & DNA Analysis: An Introduction. 6th Ed	Brown TA.1998.	Wiley Blackwell Publishing.				
13	Plant Tissue Culture: Theory and Practice	Bhojwani SS & Razdan MK, 2007.	Elsevier.				
14	Bionanotechnology: Global Prospects	David E. Reisner. 2009.	CRC Press				
15	Plant Cell Culture: A Practical Approach.	Dixon RA & Gonzales RA.2003.	Oxford University press.				
16	College Botany	Dutta AC. 1995.	Oxford University Press				
17	Fundamentals of Nanotechnology	Gabor L. Hornyak, John J. Moore, Tibbals HF. Joydeep Dutta. 2008.	CRC Press				
18	Plant Propagation by Tissue Culture. 3rd Ed. Vol. 1	George EF, Hall MA & Klerk GJD.2007.	Springer Science & Business Media.				
19	GerdFolkers, Wolfgang Sippl, Didier Rognan & Hans Dieter.	Molecular Modeling : Basic Principles and applications.2013.	Science				
20	Molecular Cloning: A Laboratory Manual. 4th Ed. 3 Vol Sets.	Green & Sambrook.2014	Cold Spring Harbor Laboratory Press.				
21	Plant Genetic Engineering.	Grierson D.2012	Springer Netherlands.				
22	Basic Electronics	Gupta JB.2009.	S. K. Kataria & Sons.				
23	Cytogenetics	Gupta PK.2002.	Rastogi publications.				
24	Genetics 4th ed.	Gupta PK. 2014.	Rastogi publications.				
25	Molecular Biology and Genetic Engineering.	Gupta PK.2005.	Rastogi publications.				
26	Elements of Biotechnology.	Gupta PK.2010	Rastogi publications.				
27	Quantum Biology	Gupta S.P.1996.	New Age.				
28	Basic Cell Culture Protocols. 3rd Ed	Helgason CD & Miller CL.2005.	Humana Press.				
29	Nanobiotechnology: Inorganic nanoparticles Vs Organic nanoparticles.	Jesus M. de la Fuente, V. Grazu.2012	Elsevier.				
30	Recent Advances in Plant Biotechnology.	Kirkosyan A & Kaufman PB.2009.	Springer.				
31	Systems Biology in practice. Concepts, implementation and Application.	Klipp E, Herwig R, Kowald A, Wierling C, Lehrach H.2006.	Wiley VCH.				
32	Genes IX	Lewin B.2011	Jones & Bartlett Learning				

33	Molecular Cell Biology.	Lodish H, Berk A, Kaiser CA, Krieger M, Bretscher A, Ploegh H, Amon A & Scott MP.2012	W. H. Freeman.				
34	Fundamentals of Cytogenetics and Genetics.	Mahabal Ram.2010	PHI Learning Pvt. Ltd.				
35	Discovering Genomics, Proteomics and Bioinformatics.	Malcolm Campbell & Laurie J.Heyer.2007	Benjamin Cummings.				
36	Electronics Principles.	Malvino. 2007.	Tata McGraw-Hill Education.				
37	Digital Electronics.	Manhas P. & Thakral S. 2010.	S. K. Kataria & Sons.				
38	Statistical Bioinformatics with R.	Mathur K Sunil. 2010.	Elsevier.				
39	Basic Genetic	Miglani GS. 2000.	Narosa Publishing House, New Delhi				
40	Bioinformatics: Sequence and Genome Analysis, 2nd Ed.	Mount D. 2001.	Cold Spring Harbor Laboratory Press.				
41	Green Biotechnology.	Murray DC. 2011.	Dominant Publishers and Distributors.				
42	Biotechnology in Agriculture and Forestry.	Nagat T, Lorz H & Widholm JM. 2008.	Springer.				
43	Proteomics from protein sequence to function.	Pennington S R & Dunn M J. 2001.	BIOS Scientific Publishers Ltd.				
44	Basic Biotechnology: A Student's Guide.	Prave P, Faust U, Sittig W & Sukatsch DA. 1987.	VCH Verlagsgesellschaft.				
45	Principles of Gene Manipulation and Genomics, 7th Ed.	Primose SB & Twyman RM. 2006.	Black Well Publishing.				
46	Plant Cytogenetics Second Edition.	Ram J. Singh. 2003.	CRC Press, London				
47	Lab. Manual for Introductory Cytogenetics.	Ram J. Singh. 2003.	CRC Press, London				
48	Biotechnology for Beginners.	Renneberg R. 2008.	Academic Press Publishers.				
49	Cell Biology: Organelle Structure and Function.	Sadava DE. 1993.	Jones and Bartlett Publishers.				
50	Molecular Cloning: A Laboratory Manual. 3rd Ed	Sambrook J, Russel D. 2001.	Cold Spring Harbor Laboratory Press.				
51	Genomics of Tree Crops.	Schnell RJ & Priyadarshan PM. 2012.	Springer.				
52	Introduction to Computational Molecular Biology.	Setubal Joao & Meidanis Joao. 2004.	PWS Publishing Company.				
53	Electronics Devices & Circuits.	Sharma Sanjay. 2012.	S. K. Kataria & Sons.				
54	Genes & Genome.	Singer M & Berg P. 1991.	University Science Books.				
55	Genetics.	Singh BD. 2009.	Kalyani Publishers				
56	Biotechnology: Expanding Horizon.	Singh BD. 2007.	Kalyani Publishers.				
57	Plant Biotechnology.	Singh, BD. 2014.	Kalyani Publishers.				
58	Plant Biotechnology and Genetics: Principles, Techniques and Applications.	Stewart NC Jr. 2008.	John Wiley & Sons Inc.				
59	Basic Techniques in Molecular Biology.	Surzycki S. 2000.	Springer Berlin Heidelberg				
60	Plant Biotechnology: Recent Advances.	Trivedi PC. 2000.	Panima Publishers.				
61	Molecular Biology Genes to Proteins. 4th Ed.	Tropp BE. 2012.	Jones & Bartlett Learning.				
62	. Principles of Molecular Biology.	Tropp BE. 2014	Jones & Bartlett Learning.				

63	Cell Biology, Genetics, Molecular Biology, Evolution and Ecology.	Verma PS & Agarwal VK. 2014.	S. Chand & Company Pvt. Ltd.				
64	Molecular Biology of the Gene. 6th Ed. I.	Watson JD, Bakee TA, Bell SP, Gann A, Levine M & Losick R. 2008.	Pearson Education Internationa				
65	Essential Bioinformatics.	Xiong J.2006.	Cambridge University Press.				
66	The Nanobiotechnology Handbook.	Yubing Xie. 2012.	CRC Press.				
67	Genome Analysis and Bioinformatics: A Practical Approach.	Sharma TR. 2009.	IK International, New-Delhi				











































