

**Faculty of Agriculture/ Basic Sciences & School of Biotechnology**

<b>1. Agricultural Extension Education</b>						
S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
	<b>Priority 1</b>					
1	Advances and Challenges in Agricultural Extension and Rural Development	Rathakrishnan, T.	New India Publishing Agency	2009	9789380235035	1
2	Agricultural Communication	Dubey V.K.	IBDC Publisher	2008	9788181892669	1
3	ICTs for Agricultural Extension: Global Experiments, Innovations and Experiences	Saravanan, R. ed.	New India Publishing Agency	2010	9789380235240	1
4	ICTs for Transfer of Technologies: Tools and Techniques	Verma, S. R.	New India Publishing Agency	2015	9788193014479	1
5	Research Methodology in Social Sciences	Shridhar Patil Aditya	New India Publishing Agency	2016	9789385516405	1
6	Question Bank in Extension Education	Mohammad, Asif	New India Publishing Agency	2015	9788193014493	2
7	Agricultural Extension: Worldwide Innovations	saravanan, R.	New India Publishing Agency	2008	9788189422967	1
	<b>Priority 2</b>					
8	Advances in Agri-Management: General Management Business Development and Innovative Practices	Gupta, Rakhi & Divya Gupta Chowdhry	New India Publishing Agency	2017	9789385516894	1
9	Agro-enterprises For Rural Development and Livelihood Security	Sharma J.P. & S. K. Dubey	New India Publishing Agency	2011	9789380235851	1
10	Dimensions of Extension Education	Mohapatra, B.P.	New India Publishing Agency	2014	9789381450987	1
11	Youth in Agriculture and Rural Development	Narayana Gowda, K.	New India Publishing Agency	2013	9789381450758	1

**2. Agronomy**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
	<b>Priority 1</b>					
1	Advances in Agricultural Research in India	Y.S. Sreenivas		2014	9788189473792	10
2	Agronomy of Field Crops	S R Reddy		2015	978-93-272-1768-1	10
3	Agronomy of Fodder and Forage Crops	S C panda		2014	978-93-272-3817-5	10
4	Advances in Oil Seed Research	R.K. Bhardwaj		2011	9788189473815	10

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

5	Applied Agroclimatology	O.P. Bishnoi		2014	9789380179117	2
6	Dryland Agriculture	S R Reddy		2015	978-93-271-5304-7	12
7	Fundamentals of Agronomy	Neetu Sharma		2018	978-93-87950-54-0	10
8	Handbook of Irrigation	Dr.P. Singh		2014	9789350300572	5
9	Introductory Agriculture	S R Reddy		2016	978-93-272-5800-4	10
10	Introduction to Agriculture and Agrometeorology	S R Reddy		2014	978-93-272-3964-5	10
11	Introduction to Agronomy and Principles of Crop Production	S R Reddy		2015	978-93-272-4124-2	10
12	Irrigation of crops:Theory,principles and practices	R.K. Naresh		2018	978-93-84337-65-7	5
13	Numerical Agronomy	Abhijit Sarma		2016	978-93-272-4102-6	10
14	Organic Farming and Sustainable Agriculture	H.M. Gupta		2005	8189011820	10
15	Principles of Agricultural Meteorology	O.P. Bishnoi		2007	9788189473013	5
16	Principles of Agronomy	T. Reddy		2016	978-83-272-69154	10
17	Principles of Crop Production	SR Reddy		2012	978-93-272-1858-9	10
18	Principles and Practices of Dryland Agriculture	K.Govindan		2014	978-81-272-1919-7	10
19	Pulses in India	A.A. Reddy		2017	978-93-86110-10-7	5
20	Rainfed Agriculture	R.K. Nanwal		2018	9789385516085	5
21	Soil Fertility and Nutrient Management	G. Bhattacharya		2014	9789350301951	10
22	Statistical Methods for Agricultural Workers	Dr. S.R.J. Singh		2012	9789350300732	5
23	Textbook of Agricultural Meteorology	Jagjit Singh		2014	9789350301982	5
	<b>Priority 2</b>					
24	Agronomy: Theory and Digest	SS Cheema		2016	978-93-272-3551-7	10
25	Agronomy: Principles and Practices	E.Somasundaram		2018	9789386546753	8
26	Agronomy Services Farming Systems and Agroecology	Dr. B.J. Patil / Nitin Patil		2016	9789384568672	5
27	Agronomy Terminology	Reena Sharma		2014	9789350301760	5
28	Biofertilisers for Sustainable Agriculture	Vinod Kumar Jain		2015	9788189473778	2
29	Conservation Agriculture Technology: Energy and Environment	R.C. singh		2017	978-93-82471-68-4	5
30	Climate Change and Agriculture	Dr. Ajay Singh		2015	9789350302217	8
31	Climate Resilient Agriculture	Manish Bhan		2018	979836546180	10
32	Dictionary of Agriculture	S. Dutt		2007	8189473077	10
33	Dryland Agriculture	C.Jayanthi		2016	978-93-272-6492-0	10
34	Elements of Agronomy	S R Reddy		2016	978-93-272-5841-7	10
35	Geoinformatics Application in Agriculture	Dr. Uma Bhatnagar		2010	9789380179629	5
36	Irrigation and Drainage	Ashok Kumar Gupta		2014	9789350302040	5
37	Irrigation, Watershed and Drainage	Nirmal Tripathi		2014	9789383101566	5

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38	Irrigation and Drainage Management	Dr. R.N. Sahay		2015	9789384568344	5
39	Modern Farm Management: Principles and Practice	Rajveer Singh		2007	9788189473143	10
40	Non Chemical Weed Management	R.K. Pawar		2015	9789350302422	5
41	Organic Farming for Sustainable Agriculture	SC Panda		2014	978-83-272-1633-2	10
42	Plant Physiology	Afroz Khan		2017	978-93-84337-23-0	10
43	Principles and Practices of Agronomy	S S Singh		2015	978-93-272-5637-6	10
44	Production, Utilization and Conservation of Forage Crops in India	Avtar Singh Bimbraw		2017	978-93-82471-17-2	10
45	Principles of Water Management in Agriculture	Charlotte Jhonson		2009	9789380179018	10
46	Pulses Production in India: Challenges and Opportunities	Nanda, S.		2018	9789385516597	5
47	Rainfed Farming	ML. Jat		2016	978-81-272-6730-1	10
48	Rice	Nanda, S.		2016	978-93-272-4750-3	10
49	Rice Crop, Seeds and Hybrids Production: Cultivation and Transplantation	Nanda, S.		2015	978 - 93 - 272 -4751-4	10
50	Seed Production of field Crops	Brajesh Tiwari		2010	9789380179407	10
51	Soil Fertility, Fertilizer and Integrated Nutrient Management	Ravindra Kumar Kashyap		2009	9788189473594	10
52	Soil Management Strategies	Anil Sharma		2015	978-93-272-4795-4	10
53	Sustainable Agricultural Development	Dr. K.A. Rasure		2010	9789380179643	5
54	Sustainable Agriculture	Ramesh Umrani C.K.Jain		2010	9789380179278	5
55	Vermicomposting for sustainable agriculture	R.K. Pawar		2009	9788189473624	10
56	Water Management in Agriculture	M.S. Meena		2017	978-93-82471-47-9	5
57	Weed Management	R.K. Pawar		2009	9788189473617	10
58	Weed Management	U S Walia		2015	978-93-272-3960-7	10
59	Weeds at a glance	Anil Kumar		2016	978-93-86110-13-8	5
60	Weed Science Principles	Jaya Kumar R		2016	378-93-272-6245-2	10

**3. Food Science and Technology**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
	<b>Priority 1</b>					
1	Food Processing Technologies to Product Utilization and Quality Assurance	Mridula D. et al.	Satish Serail Publishing House	2012		2

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2	Post Harvest Management and Processing Technology: Cereals, Pulses, Oilseeds, Fruits and Vegetables	Chavan U.D.	Daya Publishing	2012		2
3	Food Packaging Science & Technology	Lee D.S.	Astral Publishing House	2015		2
4	Food Engineering & Technology	Sharma H.k.	Nija Books.com	2018		2
5	Advances in Food Processing Technology	Tripathi et al	Jaya Publishing House	2018		4
6	Post Harvest Management of Horticultural Crops	Patel J. M. et al	Jaya Publishing House	2018		3
7	Food Processing and Quality Control	Ganguly S.	Jaya Publishing House	2018		4
	<b>Priority 2</b>					
8	Innovations in Food Processing	R.T. Patil,	Satish Serail Publishing House	2013		4
9	Processing Technology for food Legumes	R.T. Patil, S. Mangoraj	Satish Serail Publishing House	2013		2
10	Recent Trends in Food Processing	D. Thyagarajan et al	Satish Serail Publishing House	2014		4
11	Agro Processing and Value Addition for Entrepreneurship Development	Shkadev Mangaraj	Satish serial publishing house	2014		4
12	Handbook of Nutraceuticals and Functional Foods	S. Mangaraj	Satish serial publishing house	2013		5
13	Nutraceuticals and Functional Foods	Jaramillo Flores M.E.	Astral Publishing House	2011		4
14	Novel Food Processing Technology	Barbusa, Gustava	Astral Publishing House	2015		2
15	Drying Technologies for foods	Arun S. Mujubdar	Nipa Books.com	2015		2
16	Food Analysis	Khetrappaul Neelam	Astral Publishing House	2016-17		4
17	Advances in Food Science & Technology	Chaudhary N. L.	Astral Publishing House	2015		2

**4. Plant Breeding and Genetics**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
	<b>Priority 1</b>					
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 Approches (Crop Science) Ed. 2008	M. Ashraf and Philip Harris	Haworth Press			2
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 Improvment of field Crops	G.A. Slafer	Marcel Dekker			2
16	Developmental genetics 6th ed.	S F Gilbert	NCBI			2
17	Mutation Breeding Theory and Prctuical Application	A M Van Harten	Cambridge Univ. Press			1
18	Fundamental of Plant Breeding and hybrid seed production	Rattan Lal Agrawal	Science Publication			4
19	Basics of mutation breeding	Thirugnanakumas S.				4
20	Breeding oilseeds crops for sustainable production	Gupta, Surinder Kumar				3
21	Handbook of Planr Breeding	Koelling, Clive				4
22	Breeding field crop	Chopra, V.L.				4

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**5. Agroforestry**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
	<b>Priority 1</b>					
1	Introduction to Spices, Plantation Crops Medicinal & Aromatic Plants, 3 <sup>rd</sup> Edition, 2018	N. Kumar	Scientific International Pvt. Ltd.	2018	9789386479822	5
2	Plantation Forestry in India	R. K. Luna	International Book Distributer, Dehradun	2006	8170891078	5
3	Handbook of Agroforestry (Upcoming)	J.C. Dagar	Springer Publication	2018	-	1
4	Agroforestry: Anecdotal to Modern Science	J.C. Dagar & V.P.Tiwari	Springer Publication	2018	9811076502, 9789811076503	2
5	Question Bank on Forestry	Gopal Shukla	NIPA, New Delhi	2018	9789386546371	5
6	Environmental and Natural Disaster	Babar M.D	NIPA, New Delhi	2007	9788189422752	5
7	Forest Mensuration	Chaturvedi, A.N. and Khanna, L.S.	International Book Distributors, Dehradun	1994	9788170892038	5
8	Principles and Practice Of Silviculture	Khanna, L.S	Khanna Bandhu	2015	978-8185933016	5
9	Textbook of Agroforestry	B.S. Chundawat & S. K. Gautam	International Book Distributors, Dehradun	1993	8120408322	5
10	Production Technology of Spices, Aromatic, Medicinal and Plantation Crops	Barche, Swati	NIPA	2016	9789385516061	1
11	Spices, Plantation Crops, Medicinal & Aromatic Plants	Tyagi, S. K.	NIPA	2015	9788193014486	1
12	The Management of Forests	Osmoston, F. C	Natraj Publisher	1968	978-0046340025	2
13	Forests Climate Change and Biodiversity	Sood, K.K. and Mahajan, V.	Kalyani Publishers	2018	978-93-272-8994-7	2

**6. Fruit Science**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
	<b>Priority 1</b>					
1	Fruit Science Culture And Technology Vol 1: Basic Aspects And Practices	Bal, J S	Astral International (P) Ltd. New Delhi	2018	9789386546203	10

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2	Fruit Science Culture And Technology Vol 2: Tropical Fruits	Bal, J S	Astral International (P) Ltd. New Delhi	2018	9789386546210	5
3	Fruit Science Culture And Technology Vol 3: Sub Tropical Fruits	Bal, J S	Astral International (P) Ltd. New Delhi	2018	9789386546227	5
4	Fruit Science Culture And Technology Vol 4: Temperate Fruits	Bal, J S	Astral International (P) Ltd. New Delhi	2018	9789386546234	10
5	Underutilized And Underexploited Horticultural Crops: Vol 03	Peter, K.V.	New India Publishing Agency	2008	9788189422851	2
6	Biometrical Methods In Horticultural Sciences	Nirmal Sharma, V.K.Wali, Prashant Bakshi	New India Publishing Agency	2016	9789385516504	3
7	Advances In Temperate Fruit Production	Dr. Daniel Jacob	Oxford Book Co.	2014	9789350302095	1
8	Fundamentals Of Horticulture	Dr. U.S. Bose	Oxford Book Co.	2012	9789350300534	2
9	Organic Fruits Growing	M.K. Patil / M.D. Kamble	Agrotech Press	2016	9789384568757	1
10	Clonal Tissue Culture Of Important Fruit Crops	Kumar, Arvind & Vandana A Kumar	Astral International (P) Ltd. New Delhi	1998	8185860416	1
11	Fruit Nursery Production	Kumar, Kaushal	Astral International (P) Ltd. New Delhi	2016	9788176223836	3
12	Systematic Description Of Fruit Crops	Srivastava, Kanchan K	Astral International (P) Ltd. New Delhi	2009	8181892720	5
13	Tree Fruit Production 3rd Ed	Teskey, Benjamin J E & James S Shoemaker	Astral International (P) Ltd. New Delhi	2017	9789386479341	3
14	Text Book On Fruit & Plantation Crops	Ponnuswami, et al	Narendra Publishing House	2015	9384337269	3
15	Tropical & Sub Tropical Fruit Crops : Corp Improvement & Varietal Wealth (2 Parts)	Ghosh, S N	Narendra Publishing House	2014	9382471979	1
	<b>Priority 2</b>					
16	Fruit Crops	Radha, T. & Lila Mathew	New India Publishing Agency	2007	9788189422462	2
17	The Pomegranate	Hiwale, S.S.	New India Publishing Agency	2009	9789380235158	2

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18	Commercial Horticulture	N.L. Patel & S.L. Chawla	New India Publishing Agency, New Delhi.	2016	9789385516238	2
19	Hi-Tech Horticulture: Vol.1 Crop Improvement, Nursery & Rootstock Management	Sachin Tyagi	Jaya Publishing House, New Delhi.	2018	9789387973404	2
20	Temperate Fruit Crops Theory To Practical	S.N. Ghosh, Amit Kumar, M.U. Rehman, R.R Sharma	New India Publishing Agency, New Delhi.	2018	9789387973152	3
21	Hi-Tech Horticulture: Vol.2 Organic Farming & Sustainable Dev. Tech.	Sachin Tyagi	Jaya Publishing House, New Delhi.	2018	9789387973411	2
22	Fruits For The Future : Volume - 1 - Well Versed Arid & Semi Arid Fruits	V. Nath, D. Kumar, V. Pandey	Satish Serial Publishing House	2008	8189304437	1
23	Fruits For The Future : Volume - 2 - Lesser Known Tropical And Subtropical Fruits	V. Nath, D. Kumar, V. Pandey	Satish Serial Publishing House	2009	8189304690	1
24	Apple: Production And Value Chain Analysis	Nazeer, Ahmed, Shabir A Wani & W M Wani	Astral International (P) Ltd. New Delhi	2018	9789351249214	1
25	Arbuscular Mycorrhizal Fungi In Fruit Crop Production	Mohandas, Sukhada	Astral International (P) Ltd. New Delhi	2016	9789351246640	1
26	Bael: Miracle Fruit Of India	Misra, Kaushal Kumar & Bhawna Bangari	Astral International (P) Ltd. New Delhi	2018	9788176224284	1
27	Fruit Processing: Nutrition Products And Quality Management 2nd Edn	Arthey, David & Philip R Ashurst	Astral International (P) Ltd. New Delhi	2005	9788181283566	1
28	Fruits And Nuts: Genome Mapping And Molecular Breeding In Plants Vol 4	Kole, Chittaranjan	Astral International (P) Ltd. New Delhi	2013	9788132210122	1
29	Guava: Psidium Guajava L.	Sharma, Akash, Sohnika Rani & V K Wali	Astral International (P) Ltd. New Delhi	2018	9789387057449	1
30	Handbook Of Fruit Crops For JRF SRF NET Ph D ARS And Other Competitive Examinations (PB)	Tyagi, S K	Astral International (P) Ltd. New Delhi	2015	9788183602181	1
31	High Density Planting In Tropical Fruits: Principles And Practices	Iyer, C P A & Reju M Kurian	Astral International (P) Ltd. New Delhi	2006	8181890949	2



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32	Maintenance Of Horticultural Equipment	Reynolds, P A	Astral International (P) Ltd. New Delhi	2009	9788176222044	2
33	Methods On Physico-Chemical Analysis Of Fruits	Mazumdar, Bibhas Chandra & K Majumder	Astral International (P) Ltd. New Delhi	2017	9788170352884	5
34	Pomegranate: Production Postharvest Marketing And Export	Tyagi, S K & Akhilesh Tiwari	Astral International (P) Ltd. New Delhi	2018	9789386546135	1
35	Question Bank In Fruit Science (PB)	Jarande, Sambhaji Dattatray	Astral International (P) Ltd. New Delhi	2017	9789385516795	5
36	Fruit Science- Culture & Technology (Volume-1)-Basic Aspects & Practices	J.S.Bal	NIPA		9789386546203	10
37	Fruit Science- Culture & Technology (Volume-1)-Basic Temperate Fruits	J.S.Bal	NIPA		9789386546234	10

**7. Plant Pathology**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
	<b>Priority 1</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
2	Essential Plant Pathology, 2 <sup>nd</sup> Edition	G. L. Schuman and Cleora J. D. Archy	- do -	2009		5
3	Soil Solarization: Theory and Practices	Abraham Gamliel and J. Katan	- do-	2012		2
4	Illustrated Dictionary of Mycology 2 <sup>nd</sup> Edition	Miguel Ulloa and Richard T. Hanlin	-do-	2012		2
5	Plant Bacteriology	Clarence I. Kado	-do-	2010		3
6	Plant Bacteriology and Plant Diseases Caused by Bacteria	Clarence I. Kado	-do-	2010		1
7	Illustrated Glossary of Plant –Pathological Terms	C.J. D'Arcy, D.M. Eastburn, and G. L. Schumann	-do-	2001		5
8	Plant Pathogen Detection and Disease Diagnosis : 2nd Ed.	P. Narayanasamy	CRC Press	2001		2
9	Post harvest Pathogens and Disease Management	P. Narayanasamy	Wiley India	2008		1

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10	Crop Diseases and Their Management	H. S. Chaube and V. S. Pundhir	PHI Learning Pvt. Limited	2009		2
11	Fundamentals of Bacterial Plant Pathology	Masao Goto	Academic Press	1992		1
12	Plant Diseases 10 <sup>th</sup> edition	R S Singh	Medtech Publisher	2017		10
13	Fungicides in Plant Disease control	Nene and Thapliyal	International Science Publisher	1993		4
14	Plant Pathology	R S Mehrotra and Ashok Aggarwal	Tata McGraw-Hill Education	2005		4
15	Basic Plant Pathology Methods 2nd edn	Dhingra, Onkar D & James B Sinclair	-do-	2014		1
16	Diagnosis Of Plant Viruses and Allied Pathogens	Ahlawat Y S	-do-	2010		1
17	Diseases of Fruit Crops	R S Singh	Science Publisher	2000		10
18	General Concepts of Integrated Pest and Disease Management	A. Ciancio and K.G. Mukherji	Springer			1
19	Handbook Of Diseases Of Vegetable Crops : Identification , Diagnosis And Treatment , 2 Volumes Set	Stuart Smith	-do-	2014		1
20	Diseases of Vegetable Crops	R S Singh	Oxford & Ibh Publishing Co Pvt Ltd	1999		10
21	Diseases of Fruit Crops	R S Singh	Science Publisher	2000		5
22	The Elements of Plant Virology	S J Kolte and A K Tewari	Kalyani Publisher	2011		5
23	Plant Pathology 5th edn	Agrios, George N	-do-	2006		1
24	Plant Pathology and Plant Pathogens 3rd edn	Lucas, John A	-do-	2013		1
25	Principles of seed pathology, 2nd edition	Agarwal vijendra k. et.al	-do-	2014		1
26	Textbook of Plant Pathology: Pathogen & Plant Disease	Azad, Ismael	-do-	2016		1
27	One Hundred Years of Plant Pathology in India: An Overview	S.S. Chahal , R.K. Khetarpal & T.S. Thind (Eds)	Scientific Publishers	2006		1
28	Postharvest Pathogens and Disease Management	Narayanasamy P.	John Wiley & Sons	2006		2
29	Diseases of Fruit Crops	A.K. Misra et al.	Indian Phytopathological Society	2013		1

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30	An introduction to fungi 4th ed.	H C Dube	Scientific Publishers	2012		10
	<b>Priority 2</b>					
31	Applications of Information Theory to Epidemiology	Gareth Hughes	-do-	2012		1
32	The Kingdom of Fungi	Jens H. Petersen	-do-	2013		1
33	Alternaria: An Identification Manual	Emory G. Simmons	-do-	2007		1
34	Laboratory Guide for Identification of Plant Pathogenic Bacteria, Third Edition	N.W. Schaad, J.B. Jones, and W. Chun	-do-	2001		1
35	Population Biology of Plant Pathogens: Genetics, Ecology, and Evolution	Michael G. Milgroom	-do-	2015		1
36	Plant Growth Promoting Rhizobacteria for Horticultural Crop Protection	Parvatha Reddy	Springer India	2014		1
37	An Introduction to Mycology	R. S. Mehrotra and Aneja	Wiley Eastern Ltd.	1990		4
38	Phytotoxins and Plant Pathogenesis	A. Graniti, R. D. Durbin and A. Ballio	Springer Berlin Heidelberg	1991		2
39	Diseases of Vegetable Crops	Steferud Alfred ed	Biotech Books	2005		1
40	Morphology and Taxonomy of Fungi	Ernst Athearn Bessey	-do-	2015		1
41	Ecofriendly Innovative Approaches in Plant Disease Management	Vaibhav K. Singh, Yogendra Singh and Akhilesh Singh	International Book Distributers	2012		1
42	Recent Advances in the Diagnosis and Management of Plant Diseases	L. P. Awasthi	Springer India	2015		1
43	Experimental and Conceptual Plant Pathology Volume 1,2 and 3	W M Hesse <i>et al.</i>	Gordon and Breach Science Publisher	1988		1
44	Concepts in Plant Pathology	Choyal, Rajaram	-do-	2013		1
45	Handbook of Plant Pathology	Singh, Ajit Kumar et al	-do-	2016		1
46	Introduction to Plant Pathology	Nasim, S A	-do-	2013		1
47	Microbiology and Plant Pathology	Zingare, A K	-do-	2013		1
48	Mushrooms	Roger Phillip	Pan Macmillan	2006		1
49	Microbiology Fungi and Plant Pathology	Hussain, G Jahir	-do-	2011		1

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50	The Essential Guide to Cultivating Mushrooms: Simple and Advanced Techniques for Growing Shiitake, Oyster, Lion's Mane, and Maitake Mushrooms at Home	Stephen Russell	Storey Publishing	2014		1
51	Modern Technology of Plant Pathology	Suri, Vaibhav	-do-	2009		1
52	Molecular Methods in Plant Pathology	Singh, Rudra P & Singh, Uma S	-do-	2015		1
53	Mycology and Plant Pathology	Subrahmanyam, N S & A V S S Sambamurty	-do-	2001		1
54	Plant Pathology and Biotechnology	Singh, Sheetal	-do-	2014		1
55	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
56	Vistas in Mycology and Plant Pathology	Gangawani, L V et al eds	-do-	2000		1
57	Textbook of Plant Pathology: Pathogen & Plant Disease	Azad, Ismael	-do-	2016		1
58	Vistas in Mycology and Plant Pathology	Gangawani, L V et al eds	-do-	2000		1
59	One Hundred Years of Plant Pathology in India: An Overview	S.S. Chahal , R.K. Khetarpal & T.S. Thind (Eds)	Scientific Publishers	2006		1
60	Mushroom Biotechnology	Marian Petre	Academic Press	2015		1
61	Plant Pathology in India: Vision 2030	T.S. Thind <i>et. al.</i>	-Do-	2011		1

**8. Sericulture**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
	<b>Priority 1</b>					
1	Application of Biotechnology in Sericulture	R. Venkatesh Kumar and V. Shyam Kumar	Stadium press (India) Pvt. Ltd.	January ,2011	9380012489	2
2	Recent Trends in Sericulture	Dilip Kumar	Narendra Publishing House	January,2011	9380428278	5
3	Silkworm Crop Protection: Concept and Approaches	Mohd. Ashraf Khan and Tribuwan Singh	Daya Publishing House	January, 2011	9789350562840	5

**9. Agricultural Economics and ABM**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
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**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

	<b>Priority 1</b>					
1	Agricultural Marketing Management	Lakshmi Dhar Hatai	NIPA, New Delhi	2016	9789385516559	5
2	Agricultural Economics (second edition)	Subba Reddy	Oxford and IBH	2017	9788120417861	5
3	Agricultural Marketing in India	S.S. Acharya	OXF-IBH	1999	9788120417922	5
4	Agricultural Production Economics	K. Palanisami	Associated Publishing Company	2002	9788185211534	5
5	Basic Concepts in Statistics	Kushwaha, K.S.	NIPA, New Delhi	2009	9788189422400	5
6	Research Methodology in Social Sciences	Patil, Shridhar	NIPA, New Delhi	2016	9789385516405	5
7	Advanced Macroeconomics	K. R. Gupta	Atlantic	2010	9788126914562	5
8	Basic Econometrics	Damodar Gujarati	Tata McGraw Hill	2004	9780070597938	5
9	Agricultural Finance and Management	Pranav Desai	Biotech Books	2010	9788176222075	5
10	Management of Agricultural Inputs	Mahapatra, S	NIPA, New Delhi	2013	9789381450642	5
11	Livestock Economics: Marketing, Business Management and Accountancy	Gangadhar, K.S.	New India Publishing Agency, New Delhi	2009	9788190723701	5
12	Agri- Business Management	J S Amarnath, Dr. Ap V Samvel	Satish Serial Publishing House	2015	9788189304478	5
13	Entrepreneurship Development in Food Processing	K.P. Sudheer	NIPA, New Delhi	2018	9789386546739	5
14	Efficiency Indices for Agriculture Management Research	Devasenapathy, P. & B.Gangwar	NIPA, New Delhi	2008	9788189422882	5
15	Economics, Marketing and Sales of Agricultural Products	Thakur, Shailendra	New India Publishing Agency	2013	9789381450659	2
16	Modern Microeconomics (Paper back)	A. Koutsoyiannis	The Macmillan Press	2008	9780333778210	10
17	Computers in Agriculture	Manish Kumar and Anil Bhat	NIPA, New Delhi	2017	9789385516160	10
18	Advances in Agri-Business Management	Rakesh Singh	NIPA, New Delhi	2017	9789385516894	5
19	Formulas and Computations in Agriculture	Brajendra	NIPA, New Delhi	2018	9789387973251	5
20	Broiler Production: Economics and Marketing	Sudhakar Dwivedi, M. Dolma and P. K. Sharma	New Delhi Publishers, New Delhi	2016	9789385503085	10
21	Basics of Writing Project Proposal	Kushwaha and Others	New Delhi Publishers, New Delhi	2013	9789381274293	10

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

22	Agro Processing & Value Addition For Entrepreneurship Development	Shukadev mangaraj, r.t. Patil, pitam chandra	Satish Serial Publishing House, New Delhi	2014	9789381226902	5
23	Farm Economics Entrepreneurship & Marketing	REEJA GEORGE P, P.J. RAJ KAMAL	Satish Serial Publishing House, New Delhi	2015	9789385055362	5
24	Farming Systems Economic Contribution Towards Livelihood Security	MUDASIR IQBAL, DILEEP KACHROO, JYOTI KACHROO, ANIL BHAT	Satish Serial Publishing House, New Delhi	2018	9789386200969	5
	<b>Priority 2</b>					
25	Economics of Farm Production and Management	V. T. Raju	Oxford and IBH	2017	9788120404236	5
26	Agricultural Marketing: Perspectives and Potentials	Bhat, Anil & S.P. Singh	NIPA, New Delhi	2016	9789385516153	10
27	Marketing Management	Tejashree Patankar	IBH	2013	9789381335376	5
28	Fundamentals of Agricultural Economics	A N Sadhu, Amarjit Singh	Himalaya	2014	9789350978276	5
29	Agricultural Economics	O. S. Shrivastav	Rawat Books	2002	9788170333265	5
30	Agricultural Economics	D S Chauhan	Chauhan Press			5
31	Macroeconomics	Arjun Pangannavar Y.	Atlantic	2011	9788126916771	5
32	Agricultural Economics	N Jeyakumar	Neha Publishers & Distributors			5
33	Statistical Designs and Analysis for Agricultural Field Experiments	Katyal, Vijay	NIPA, New Delhi	2013	9789381450840	5
34	Agricultural Production Economics and Resource-use	Martin Upton	Oxford University Press	1976	9780198594598	5
35	Farm management : theory and practice	Reji D. Nair	Concept	2010	9788180697104	5
36	Economics Of Agricultural Production And Farm Management	J. M. Dhaka	Aavishkar Publishers	2010	9788179102879	5
37	Agricultural Marketing in India	R. S. Dixit	Shubi Publisher	2006	9788187226697	5
38	Agricultural Marketing Structural Models For Price Analysis	James Vercammen	Routledge	2011	9780415480437	5
39	Economics of Production and Marketing of Citrus	Anil Bhat, Jyoti Kachroo	Daya Publishing House	2013	9789383048854	10
40	Agri-Business: Marketing and Management	S. N. Choudhary	D.K.Publisher	2012	9789350300824	5

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

41	Agricultural Marketing (new trend & techniques)	K. K. TIWARI	DND Publications	2012	9789380929446	5
42	Practical's in Agricultural Economics	Pawan Sharma, Sudhakar Dwivedi, Bhat	K Anil Astral International Pvt. Ltd.	2014	9789351304654	10
43	Organic Farming In India	Biswas	New Delhi Publishers, New Delhi	2014	978-93-81274-57-6	5
44	Micro Economics	M. L. Seth	Lakshmi Narain Agarwal	2012	9788185778075	10
45	Macro Economics	M. L. Seth	Lakshmi Narain Agarwal	2011	1234567143614	10
46	Microeconomics: Theory and Practices	Ramesh Chandra Das	Kunal Books, New Delhi	2011	9789380752259	5
47	Indian Agriculture : Issues & Challenges	Dr A K Tomer & Indu Varshney , Sobha jain	Kunal Books, New Delhi	2014	9789382420149	5
48	Economic Development and Policy in India	Uma Kapila	Academic Foundation	2017	9788171888016	10
49	Economic development paper Back	Michael P Todaro	Pearson	2014	9781292002972	5
50	Microeconomics 4 <sup>th</sup> Ed.	Dominick Salvatore	Schaums Outlines	2011	9780071755450	5
51	Macroeconomics Paper Back	Rudiger Dornbusch	McGraw Hill	2017	9781259290633	5
52	Macro Economics: Theory and Policy (Paper Back) 3 <sup>rd</sup> edition	W H Branson	Affiliated East West Press Pvt Ltd.	2005	9788176710503	5
53	Entrepreneurship and Skill Development in Horticulture Processing	K.P. Sudheer	NIPA, New Delhi	2018	9789386546807	5
54	Environmental Management	R. Balamurugan	New Delhi Publishers, New Delhi	2016	9788192813028	10
55	Challenges of Livelihood and Inclusive Rural Developemt in the Era of Globalization	Chattopadhyay and Bhattacharya	New Delhi Publishers, New Delhi	2013	9789381274255	10
56	Growth and Diversification-Aspects of Rural Development	Chattopadhyay	New Delhi Publishers, New Delhi	2014	9789381274781	10
57	Some Empirical aspects of Economic Growth and Diversification in India's Emerging Economy	Chattopadhyay and Kushwaha	New Delhi Publishers, New Delhi	2015	9788185502007	10

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

58	Integrated Natural Resource Management: The Way Forward	Vinod Kumar Tripathi	New Delhi Publishers, New Delhi	2018	9789386453082	10
59	Analytical Techniques In Agriculture	R.K. KALEESWARI, M.R. LATHA, R. RAJESWARI	Satish Serial Publishing House, New Delhi	2016	9789385055522	5
60	Concepts & Terminology In Agricultural Processing	SHUKADEV MANGARAJ, NAWAB ALI	Satish Serial Publishing House, New Delhi	2015	9789384053079	5
61	Dimensions Of Agribusiness	D. KUMAR, A. ROY	Satish Serial Publishing House, New Delhi	2016	9789385055648	5
<b>Agribusiness Management</b>						
<b>Priority 1</b>						
1	Strategic Management & Business Policy	Azhar Kazmi	Tata McGraw Hill	2008	9789339221966	5
2	Supply Chain Management- Concept & Cases	Alteklar R.V.	Prentice Hall of India	2005	9788120328594	5
3	Operations and Supply Management	Richard Chase, Ravi Shankar, F. Robert Jacobs, Nicholas Aquilano	McGraw Hill Education	2010	9780070700895	5
4	Agri Business Supply Chain	N. Chandrasekaran & G. Raghuram	CRC Press	2014	9781466516748	5
5	Management information system : A concise study	S.A Kelkar	PHI Learning	2003	9788120322530	5
6	Agri Business Management	Freddie Barnard, Jay Akridge, Frank Dooley & John Foltz	Routledge & Cengage	2016	9781138891937	5
7	Saffron Marketing and Value Chain Analysis	Naveed hamid, Jyoti Kachroo and Anil Bhat	Astral publishers	2017	9789386071651	5
<b>Priority 1</b>						
8	Projects : Planning, Analysis, Selection, Financing, Implementation and Review	Parsana Chandra	Tata McGraw Hill	2017	9789332902572	5
9	Multinational Financial Management	Alan C. Shapiro	Wiley India pvt. Ltd.	2013	9781118572382	5
10	Introduction to Management Science	Cook & Russell	Prentice Hall of India	1993	9780134857077	5



**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

11	Consumer Behaviour	S. Ramesh Kumar, Leon G. Schiffman, Joseph Wisenblit	Pearson Hall		9780132544412	5
12	International Dimension of Organisational Behaviour	Adler, Nancy J	PNS Kent	2008	9780324360745	5
13	Perspective in Business Ethics	Hartman & Chaterjee	Tata McGraw Hill	2017	9780070620049	5
14	Mercantile Law	Garg & Chawla	Kalyani Publications	2007	9788127239909	5
15	You can Win	Shiv Khera	Bloomsbury India	2014	9789382951711	2
16	Total Quality Management	Dale H. Besterfield	Pearson	2003	9788177584127	5
17	Human Resource Management: Text and Cases	Aswathappa	Tata McGraw Hill	2013	9781259026829	5
18	Leadership	Richard L.	McGraw-Hill	2018	9781260167658	5
19	Business Communication: Skills, Concepts, and Applications	P.D. Chaturvedi	Pearson	2013	9788131775585	5
20	Personality Development and Soft Skills	Barun K. Mitra	Oxford	2011	9780198066217	5
21	The Ace of Soft Skills: Attitude, Communication and Etiquette for Success	Gopalswamy Ramesh	Pearson	2013	9788131732854	5
22	The handbook of logistics & distribution management	Alan Rushton, Phil Croucher & Peter Baka	Kogan Page	2017	9780749476786	5
23	Fundamentals of Entrepreneurship	H. Nandan	PHI Learning	2013	9788120347502	5
24	Managing new ventures: Concepts & Cases in Entrepreneurship	Anjan Raichaudhuri	PHI Learning	2011	9788120341562	5
25	Supply chain management: Strategy, Planning & Operations	Sunil Chopra & Peter Meindl	Bio Green Books	2015	9780133800203	5
26	Financial Management for Agribusiness	Obst, W.J. ; Graham, R. ; Christie, G.	Landlinks	2007	9780643092952	5
27	Business research methodology	Dr. J. K Sachdeva	HPH	2017	9789352625925	5
28	Customer Relationship Management in Agri-Business: A Case of Agri-Business Retailers	Sajad Khurshid, Jyoti Kachroo and Naveed Hamid	Satish Serial Publishing House	2018	9789386200631	5
29	Agricultural Finance and Management	S. S Reddy; P. Raghu Ram	Oxford & IBH	1996	9788120410220	5
30	Management: Text and cases	R Satya Raju and A Parthasarathy	Prentice Hall	2010	9788120338791	5
31	An Introduction to commodity trading	Richard. Waldron	EMorris	1997	9780965659307	5

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

32	Agribusiness Management	J. S. Amarnath	Satish Serial Publishing House, New Delhi	2015	9788189304478	5
33	Entrepreneurship In Agriculture	Dileep Kumar	Satish Serial Publishing House, New Delhi	2015	9789384053048	5

**10. Biotechnology**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
	<b>Priority 1</b>					
1	Cell Biology: Organelle Structure and Function	Sadava DE	Jones and Bartlett Publishers.	1993		1
2	Genetics	Gupta PK	Rastogi Publications	2014		1
3	Genetics	Russell PJ	Benjamin Cummings	2013		1
4	Fundamentals of Biotechnology	Prave P, Faust U, Sittig W & Sukatsch DA	VCH, Verlagsgesellschaft	1987		1
5	Plant Tissue culture: An Introductory Text.	Bhojwani SS & Dantu PK	Springer	2013		1
6	Molecular Biology and Biotechnology	Walker JM & Rapley R.	The Royal Society of Chemistry	2000		1
7	Plant Genetic Engineering	Grierson D.	Springer Netherlands	2012		1
8	Genetics: A Molecular Approach	Brown TA	Stanley Thornes	1998		1
9	Bionanotechnology: Global Prospects	David E. Reisner	CRC Press	2009		1
10	Fundamentals of Nanotechnology	Gabor L. Hornyak, John J. Moore, Tibbals HF, Joydeep Dutta	CRC Press	2008		1
11	The Nanobiotechnology Handbook	Yubing Xie	CRC Press.	2012		1
12	Genes & Genome	Singer M & Berg P.	University Science Books.	1991		1
13	Molecular Biology Genes to Proteins	Tropp BE.	Jones & Bartlett Learning	2012		1
14	Plant Tissue Culture : Theory and Practice.	Bhojwani SS & Razdan MK	Elsevier.	1996		1

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

15	Plant Biotechnology: Recent Advances	Trivedi PC.	Panima Publishers	2000		1
16	Essential Bioinformatics	Xiong J.	Cambridge University Press	2006		1
17	Bioinformatics: Sequence and Genome Analysis	Mount D.	Cold Spring Harbor Laboratory Press.	2001		1
18	Introduction to Computational Molecular Biology	Setubal Joao & Meidanis Joao	PWS Publishing Company	1997		1
19	Plant Genetic Resources and Traditional Knowledge for Food Security	R.K. Salgotra & B.B. Gupta	Springer			1
	<b>Priority 2</b>					
20	Cell Biology and Genetics	Inbasekar P	Panima Publications.	2009		1
21	Basic Genetics	Miglani GS	Narosa Publishing house, New Delhi	2000		1
22	Genomes	Brown T A	New york: Wiley-Liss	2002		1
23	Plant Tissue Culture: Theory and Practice	Bhojwani SS & Razdan MK.	Elsevier	1996		1
24	Plant Cell Culture: A Practical Approach	Dixon RA & Gonzales RA	Oxford University press	2003		1
25	Basic Cell Culture Protocols	Helgason CD & Miller CL.	Humana Press	2005		1
26	Molecular Biology Techniques A Classroom Laboratory manual	Carson S, Miller HB & Witherow DS	Elsevier	2012		1
27	Molecular Biology and Biotechnology: A Guide for Teachers	Kreuzer H & Massey A	ASM Press	2008		1
28	Basic Techniques in Molecular Biology	Surzycki S	Springer Berlin Heidelberg	2000		1
29	Fundamentals of Biochemistry	Voet D, Voet JG & Pratt CM	New York: Wiley	2004		1
30	Genetics: A Molecular Approach	Brown TA	Stanley Thornes	1998		1
31	Genes & Genome	Singer M & Berg P	University Science Books	1991		1
32	From Genes to Clones: Introduction to Gene Technology	Winnacker EL	Ed. Panima Publishers.	2003		1
33	Recombinant DNA.	Watson JD & Zoller M.	Panima Publishers			1

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

34	Organelles	Carroll M.	The Guilford Press	1989		1
35	Discussions in Cytogenetics	Charles B.	Prentice Hall.	1993		1
36	Cytogenetics of Aneuploids	Khush GS.	Academic Press.	1973		1
37	Molecular Cytogenetics: Protocols and Applications.	Yao-Shan Fan	Humana Press	2002		1
38	Electrical Measurements and Measuring Instruments	Edward William Golding & Frederick Charles Widdis	Pitman	1969		1
39	Digital Electronics	Manhas P. & Thakral S	S. K. Kataria & Sons.	2010		1
40	Electronics Devices & Circuits	Sharma Sanjay	S. K. Kataria & Sons	2012		1
41	Genes 9.	Lewin B.	Jones & Bartlett Learning	2009		1
42	Principles of Molecular Biology	Tropp BE	Jones & Bartlett Learning	2014		1
43	Molecular Biology Genes to Proteins	Tropp BE	Jones & Bartlett Learning.	2012		1
44	Nanobiotechnology: Inorganic nanoparticles Vs Organic nanoparticles	Jesus M. de la Fuente, V. Grazu	Elsevier	2012		1
45	PCR: Methods Express.	Huges S. & Moody A.	Royal College of General Practitioner s	2007		1
46	Introduction to Protein Structure	Branden C & Tooze J.	Garland Science	1999		1
47	Proteomics: Methods Express	Connor DO & Hames BD.	Royal College of General Practitioner s.	2007		1
48	Proteomics from protein sequence to function	Pennington S R & Dunn M J.	BIOS Scientific Publishers Ltd.	2001		1
49	Micropropagation: Technology and Application.	Debergh PC & Zimmerman RH	Kluwer Academic	1991		1
50	Plant Cell Culture: A Practical Approach.	Dixon RA & Gonzales RA	Oxford University Press.	2003		1
51	Plant Propagation by Tissue Culture Volume 1.	George EF, Hall MA & Klerk GJD	Springer Science & Business Media.	2007		1

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

52	Plant Genetic Engineering	Grierson D.	Springer Netherland s.	2012		1
53	Crop Improvement Utilizing Biotechnology.	Lal R & Lal S.	CRC Press.	1990		1
54	Principles of Gene Manipulation and Genomics	Primose SB & Twyman RM.	Wiley- Blackwell Publishing	2006		1
55	Proteomics: Methods Express	Connor DO & Hames BD	Royal College of General Practitioner s	2007		1
56	Proteomics from protein sequence to function.	Pennington S R, Dunn M J	BIOS Scientific Publishers Ltd	2001		1
57	Genes & Genome.	Singer M & Berg P	University Science Books	1991		1
58	Molecular Biology Genes to Proteins	Tropp BE.	Jones & Bartlett Learning	2012		1
59	Cell Biology, Genetics, Molecular Biology, Evolution and Ecology.	Verma PS & Agarwal VK	S. Chand & Company Pvt. Ltd.	2014		1
60	Biotechnology in Agriculture and Forestry	Nagat T, Lorz H & Widholm JM	Springer	2008		1
61	Fruit Growing	J S Bal	Kalyani Publishers	2013		1
62	Breeding of Horticultural crops: Principles and Practices	Kumar N.	New India Publishing Agency.	2006		1
63	Handbook of Horticulture	K. L. Chada	ICAR	2012		1
64	Handbook of Fruit Production	Kumar J. Prasad.	Agrobios	2010		1
65	Genomics of Tree Crops	Schnell RJ & Priyadarshan PM.	Springer	2012		1
66	Basic Horticulture	Singh Jitender	Kalyani Publishers	2014		1
67	Fruits	Singh Ranjit	National Book Trust	2012		1
68	Molecular Breeding of Forage Crops	Spangenberg G.	Kluwer Academic Publishers	2001		1
69	Fundamentals of Fruit Production	Victor Ray Garden, Frederick Charles Bnaford, Herry & Daggett HoDlor Ir	Mc Graw Book Company	1992		1
70	Proteins: Structures and Molecular Properties	Creighton TE	W.H. Freeman	1993		1

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

71	Microarray Bioinformatics	DovStekel	Cambridge University Press	2003		1
72	Introduction to Computational Molecular Biology	Setubal Joao & Meidanis Joao.	PWS Publishing Company.	2004		1
73	Mastering Perl for Bioinformatics	James Tisdall	O'Reilly Media	2003		1
74	Programming Perl	Tom Christiansen, Brian D Foy, Larry Wall & Jon Orwant	O'Reilly Media.	2012		1
75	Let Us C.	Kanetkar Yashavant	BPB Publications.	2013		1
76	Bioinformatics: Sequence and Genome Analysis.	Mount DW.	Cold Spring Harbor.	2001		1
77	Modeling for Beginners	Allan Hinchcliffe	Wiley.	2008		1
78	Proteins: Structures and Molecular Properties	Creighton TE	W.H. Freeman	1993		1
79	Bioinformatics: Sequence and Genome Analysis	Mount DW.	Cold Spring Harbor.	2001		1
80	Molecular Modeling : Basic Principles and applications.	GerdFolkers, Wolfgang Sippl, Didier Rognan & Hans Dieter	Science	2003		1
81	Quantum Biology	Gupta S.P.	New Age.	1996		1
82	Combinatorial Library Methods and Protocols	Lisa B				1
83	Biochemistry	Berg JM, Tymoczko JL & Stryer L.	W.H. Freeman and Company	2002		1
84	Structure and Mechanism of Protein Science	Fersht A.	W.H. Freeman and Company.	1999		1
85	Systems Biology in practice: Concepts, implementation and Application	Klipp E, Herwig R, Kowald A, Wierling C, Lehrach H	Wiley VCH.	2006		1
86	Metabolome analysis: Strategies for system biology	Vaidynathan S, Harrigan GG, Royston Goodacre.	Springer.	2005		1
87	Biochemistry	Voet D & Voet J.	John Wiley and Sons.	2002		1
88	An Introduction to Statistical Learning: with Applications in R	Gareth James, Daniela Witten, Trevor Hastie & Robert Tibshirani	Springer	2013		1

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

89	Statistical Bioinformatics with R.	Mathur K Sunil	Elsevier.	2010		1
90	Perl Programming for Bioinformatics	Harshawardhan P. Bal	Tata McGraw-Hill Education	2003		1
91	Food Biotechnology	Shetty K, Paliyath G, Pometto A. & Levin RE	CRC Press	2006		1
92	Principles of Genetics	Gardner JE, Simmons MJ & Snustad DP	John Wiley & Sons	1991		1
93	Plant Biodiversity and Taxonomy	Singh MP & Singh BS	Daya Publishing House, Delhi	2002		1
94	Lehninger Principles of Biochemistry	Nelson DL & Cox MM.	C.B.S. Publishers, Prentice Hall	2000		1
95	Biochemistry	Berg JM, Tymoczko JL, & Stryer L	W.H. Freeman & Co.	2002		1
96	Trueman's Elementary Biology	Bhatia KN & Tyagi MP	Trueman Book Company	2012		1
97	Plant Biodiversity and Taxonomy	Singh MP & Singh BS	Daya Publishing House, Delhi	2002		1
98	Biomathematics	Rastogi SK	Krishna Prakashan Media Pvt. Ltd	2008		1
99	Plant Physiology	Bhatia KN & Prashar AN	Trueman Book Company	1990		1
100	Plant Physiology	Salisbury FB. & Ross CW	Wordsworth Publishing	1992		1
101	Fundamentals of Computers	Rajaraman V & Adabala N	PHI	2015		1
102	Fundamentals of Computer Programming and Information Technology	Gurvinder Singh, Rachhpal Singh & Saluja KK	Kalyani Publishers	2003		1
103	Handbook of Statistical Genetics	Narayan P Bhatia VK & Malhotra P K.	Indian Agricultural Statistics Research Institute, New Delhi, India	1989		1
104	Statistics – Concepts and Applications	Pal N. & Sahadeb Sarkar	PHI Learning Pvt. Ltd.	2009		1

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

105	The Cell: A molecular approach	Cooper, G.M. & Hausman, R.E.	ASM Press, Washington D.C.	2007		1
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**11. Entomology**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
	<b>Priority 1</b>					
1	An outline of Entomology	Gullan	Wiley-Blackwell	2014	9781118846155	2
2	Entomology and Pest Management	L. Pedigo	Prentise hall of India Pvt ltd New delhi	2014	9781478622857	1
3	Insect and fruits	D K Bhutani	-do-	2016		2
4	Insect and vegetables	D K Bhutani	-do-	2016		2
5	A manual of practical entomology 3rd edition	Youdeowei, A.;Service, Mike W. / Trigunayat, M.M. /	Scientific Publsiher, New Delhi	2012		10
6	Pesticides	D.S. Reddy, M.Pushpa Latha	-do-	2015		5
7	Entomology : A textbook	Sehgal P. K.	NIPA	2018		5
8	Plant Protection and Pesticides Applications	Sanjeev Kumar	NIPA	2018		3
9	Agricultural acaralogy	Chillar BS, Gulati R and P Bhatnagar	-do-	2015		1
10	Pests of ornamental crops	TV sathe	Astral pub	2017		1
11	Agri Facts – Entomology & Nematology	S. V. Sai Prasad	New Vishal Publication, New Delhi	2016		10
12	Entomology Treatise	Dr. T. V. Prasad	-do-	2016		10
	<b>Priority 2</b>					
13	Objective Guide in Entomology	Devinder Sharma	NIPA	2018		20
14	Agri Facts - Objective Plant Protection	S. V. Sai Prasad, Sushil	-do-	2015		10
15	Applied Entomology	D.S. Reddy	-do-	2016		10
16	Agricultural Entomology	Dr. Shravan Haldhar	-do-	2016		10
17	Handbook of Entomology	Dr. T. V. Prasad	-do-	2016		10
18	Objective Crop Protection	Dr. T.V.Prasad, Dr.P.Srinivas	-do-	2015		10
19	Plant Nematology - a quick glance	K. Sankari Meena, P. Manji	-do-	2014		10
20	Glimpses of Crop Protection	K. Sankari Meena, P. Manji	-do-	2015		10



**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

21	Objective Entomology	Agricultural	Abhaykumar S. & Powar, Hemant H. & Pashte, Vrushali V. Bagde	Astral Publication, new Delhi	2015		10
22	Subjective Entomology	Agricultural	Shravan Haldar	M New Vishal Publication, New Delhi	2014		10
23	Agricultural Entomology on competitive View		Shravan Haldar	M New Vishal Publication, New Delhi	2013		10
24	An outline on Objective Entomology		Gajanan Tiwari, Rajesh Kumar and Lok Nath	Jain Brothers, New Delhi	2014		10
25	Objective Entomology		T. V. Prasad	New Vishal Publication, New Delhi	2014		10
26	Entomology Refresher		K Phani Kumar and CP Viji	Kalyani Publsiher, New Delhi	2013		20
27	Crop pest management : At a glance		Rakesh Kumar Sharma	-do-	2017		3
28	Madhumakhi palan : Mahatav, utpadan evm upyog		Sunil K Mandal and Anita Kumari	-do-	2016		1
29	Ecologically based integrated pest management (Vol -I & II)		D. P. Abrol	NIPA	2016		1
30	Recent advances in Pollination Biology		D. P. Abrol and R. K. Thakur	Kalyani Publishers	2017		2
31	Non insect pests and their management		Choudhary RK, Singh SB and Upadhayay	-do-	2017		1
32	Objective entomology	Agricultural	Bagde Abhay kumar	-do-	2017		1
33	Integrated pest management : current concepts and ecological perspectives		Abrol D. P.	Astral pub.	2017		1
34	Masalon ke keet prabhandan		Abhishek Shukla	Astral pub.	2018		2
35	Question bank on Entomology		Supriya Bishwas	-do-	2017		2
36	Textbook of forest entomology		Sathe TV	-do-	2017		1
37	Integrated pest management in the tropics (2 vol.)		D. P. Abrol	-do-	2016		1
38	Beekeeping for poverty alleviation and livelihood security		R. K. Gupta, W. Reybrock, Veen and Anuradha Gupta	Springer	2014		2

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

<b>12. Agricultural Engineering</b>						
S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
	<b>A. Farm Machinery &amp; Power Engineering</b>					
	<b>Priority 1</b>					
1	Hand book of Agricultural Engineering	Rameshwar Singh	ICAR, New Delhi			5
2	Farm Machinery (Principles and Application)	Surendra Singh	ICAR, New Delhi			5
3	Farm Machinery and Management (Maintenance)	Surendra Singh, S. R. Verma	ICAR, New Delhi			5
4	Farm machinery and Equipment	Nakra C P	Dhanpat Rai & Sons			5
5	Principles of Farm Machinery	Kepner R A Roy Bainer and Berger B L	CBS Publishers and Distributors, delhi-110032			5
	<b>Priority 2</b>					
6	Textbook of Environmental Engineering 1st Edition	P. Venugopala Rao	PHI Learning Pvt. Ltd.			5
7	Environment Engineering 1st Edition	N N Basak	Tata Mcgraw Hill Education Private			5
8	Agricultural Engineering	O P Singhal	Aman			5
9	Tractors and Agricultural Machinery	Srinivasan, K et al				1
	<b>B. Soil and Water Conservation Engineering</b>					
	<b>Priority 1</b>					
1	Applied Hydrology	Chow VT, David, M & Mays LW. 1988	McGraw Hill			5
2	Hydrology and Soil Conservation Engineering: Including Watershed management	Ghanshyam Das	Prentice Hall India			5
3	Drainage Engineering	Luthin JN	Wiley Eastern			5
4	Green HOUSE technology and management	Radha Manohar and C. Igathinathane	BS Publicatios			5
5	Introductory Soil and Water Conservation Engineering b	Asish Pandey and BC Mal	Kalyani Publication			5
6	Land and Water Management Engineering	Murthy VVN	Kalyani.			5

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

7	Soil and Water Conservation Engineering	Schwab, Fangmeier, Elliot and Frevert	John Wiley & Sons			2
8	Drainage Engineering: Principle and practices	SK Gupta	Scientific Publisher, Jodhpur			5
9	Earth-Moving Machines	Eric C Orlem	Motorbooks International			2
10	Hydraulic and Fluid Mechanics	Modi PN & Seth SM. 2000	Standard Book House.			5
11	Applied Hydrology	K N Mutreja	Mc.Graw Hill			5
	<b>Priority 2</b>					
12	Land Drainage: Principles, Methods and Applications	Battacharaya AK & Micheal AM.	Vikas Publication.			5
13	Ground Water	Raghunath HM.	Wiley Eastern.			5
14	Centrifugal Pumps and Blowers	Church AH & Jagdish Lal 1973	Metropolitan Book Co			2
15	Well and Pump Engineering	Michael AM & Khepar SD	Tata McGraw Hill.			
16	Text book of Drainage Engineering	Ranveer Kumar and Jogender Singh	ICAR			5
	<b>C. Post Harvest and Process Engineering</b>					
	<b>Priority 1</b>					
1	Post Harvest Technology of Cereals, Pulses and Oilseeds	Chakraverty, A	Oxford and IBH Publishing Co, Calcutta			5
2	Unit Operations of Agricultural Processing	Sahay, K.M. and K.K. Singh	Vikas Publishing House Pvt. Ltd			5
3	Introduction to Food Engineering	Singh and Heldmen	Elsevier			5
4	Fundamentals of Food Process Engineering	Toledo	Springer			5

**13. Soil Science**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
	<b>Priority 1</b>					

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

1	Principles of Soil and Water Relation	M.B. Kirkham	Elsevier/Academic press			1
2	The Chemistry of Soils (III Edt.)	Garrison Sposito	Oxford University Press			1
3	Chemistry of Soil Organic Matter	Kyoichi Kumada	Elsevier/1987			1
4	Text book of Soil Science	Swanta Kumar Pal	Oxford/IBH Publishing House /2016			5
5	Soil Physical Chemistry	Donald L Sparks	CRC Press/1998			1
6	Soil Analysis: Hand book of reference methods	J. Banton Jones. Jr.	CRC Press			1
7	Text book of Soil Physics	A.K. Saha & Anuradha Saha	Kalyani Publisher			2
<b>Priority 2</b>						
8	Principles of Soil Chemistry (IV Edt.)	Kim M. Tan	CRC Press/2011			1
9	Soil and Water Chemistry: An Integrative Approach	Michael E. Essngtan	CRC Press/2004			1
10	Environmental Chemistry of Soil	Murray B. McBride	Oxford University Press			1

**14. Vegetable Science & Floriculture**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
<b>Priority 1</b>						
1	Potato: production, storage and marketing	Singh, N et al	Satish Serial	2010		1
2	Varieties and hybrids of vegetables	D.N. Singh	Satish Serial	2010		1
3	Protected cultivation	Adikant Pradhan	Satish Serial Pub. House, Azadpur Delhi	2013		1
4	Breeding for Cross Pollinated Crops	Vishnu Sawroop	ICAR Publication, New Delhi	2004		10
5	Advanced Commercial Floriculture	Bhattacharjee SK & De. L.C.	M/s. Advance Books Shastri Nagar, Jaipur	2006		4

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

6	Hybrid Seed Production	Singal, H.C	Kalyani Publishers, Ludhiana	2003		2
7	Advances in Horticulture Vol - 5	K.L. Chadha and G. Kalloo	Malhotra Publishing House, New Delhi 110064, India	1995		2
8	Advances in Horticulture Vol – 12	K.L. Chadha and S.K. Bhattacharjee	Malhotra Publishing House, New Delhi 110064, India	1995		2
10	Essence of Horticulture (Student Edition)	M.S.Patil	New India Publishing Agency	2018		10
11	Breeding of Horticultural Crops: principals and practices	N.Kumar	New India Publishing Agency	2010		10
12	Text book of Floriculture and Landscaping	A.K Singh	New India Publishing Agency	2017		10
13	Heterosis breeding in vegetable crops	Nagendra Rai	New India Publishing Agency	2006		1
14	Breeding and protection of vegetables	M.K.Rana	New India Publishing Agency	2011		1
15	Vegetable Seed and Technology	Pranab Hazra	New India Publishing Agency	2019		5
<b>Priority 2</b>						
16	Sabzi Anuisandhan avum utpadhan prodogiki	D.R.Bhardwaj	Satish Serial Pub.House, Azadpur Delhi	2013		3
17	Seed Science and Technology	Raja,K. et al	Satish Serial Pub.House, Azadpur Delhi	2012		3
18	Under utilized vegetable crops	A.K.Pandey	Satish Serial Pub.House, Azadpur Delhi	2008		3
19	Winter vegetables:Advances and developments	D.N.Singh	Satish Serial Pub.House, Azadpur Delhi	2012		3

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

20	Principles and practices of organic farming	Balasubramaniam et al	Satish Serial Pub.House, Azadpur Delhi	2013		3
21	Advances in Horticulture Vol - 6	-Do-	-Do-	1995		2
22	Vegetable Breeding, Production and Seed Production	Arya, Prem Singh	Kalyani Publishers, Ludhiana	2003		5
23	Basic concepts of Vegetable Science	N.P.Singh	CBS, Publisher	2016		5
24	Fundamental Approaches in Sustainable Agriculture	Sharma,J.P	Kalyani Publishers, Ludhiana	2006		4

**15. Plant Physiology**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
<b>Priority 1</b>						
1	Plant Physiology and Development sixth edition	Lincoln Taiz and Eduardo Zeiger	Sinauer associates	2014	978-1605353531	2
2	Abiotic & Biotic stress Management in Plants: V-01 Abiotic stress	Sinha, B. K. and Reena	New India Publishing Agency, New Delhi	2017	9789386546579	10
3	Abiotic & Biotic stress Management in Plants: V-02 Abiotic stress	Sinha, B. K. and Reena	New India Publishing Agency, New Delhi	2017	9789386546586	5
4	Plant and Crop Modeling: A Mathematical Approach to Plant and Crop Physiology	John H, Thornley M & Johnson IR	Blackburn Press	2015	978-1930665057	1
5	Plant Nutrient Disorders: Diagnosis and Management	Sarkar, A.K.	New India Publishing Agency, India	2015	9789385516023	3
6	Physiology of Herbicide Action	Devine MD, Duke SO & Fedtake C	Prentice Hall	1993	978-0133690675	2
7	Principles of Seed Science and Technology	Copeland and McDonald	Springer Science + Business Media, LLC	2001	978-0792373223	1
8	Modern Methods in Plant Physiology	Girish Chand Srivastava	New India Publishing Agency, India	2010	9789380235011	2
9	Biochemistry & Molecular Biology of Plants 2 <sup>nd</sup> Edition	Buchanan, B.B.	United Book Traders	2015	978-0470-714218	2

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

10	Plant Secondary Metabolites	Shukla, Y.M.	New India Publishing Agency, India	2009	9788190851220	1
11	Developments in Physiology, Biochemistry and Molecular Biology of Plants Vol 01	Bose, Bandana & A.Hemantaranjan : ed.	New India Publishing Agency, India	2005	9788189422028	2
12	Text Book on Environmental Science	P. Sivashanmugam	New India Publishing Agency, India	2018	9789386546111	5

**16. Biochemistry**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
<b>Priority 1</b>						
1	Biochemistry and Molecular Biology of Plants	Bob Buchanan, Wilhelm Grissem and Russell Jones	I.K. International	2015	978-0-470-71421-8	5
2	Principles and Techniques of Biochemistry and Molecular Biology	Keith Wilson & John Walker	Cambridge University, New Delhi, 7 <sup>th</sup> edition	2010	978-1316614761	5
3	Introduction to Practical Biochemistry	David T. Plumber	M.C. Graw Hill Education, 3 <sup>rd</sup> edition	2015	978-0070841659	10
4	Enzymes: Biochemistry, Biotechnology, Clinical chemistry (English)	Trevor Palmer, Phillip Bonner	Affiliated East West Press Private Limited, 2008, 2 <sup>nd</sup> edition	2008	978-0853128748	10
5	Principles of Gene manipulation and Genomics	S.B. Primrose & R.M. Twyman	Blackwell publishing professional, 7 <sup>th</sup> edition	2006	978-1405179751	4
6	Plant Biochemistry & Molecular Biochemistry	Peter J. Lea, Richard C. Leagood	John Willey & Sons, 1998, 2 <sup>nd</sup> edition	1999	978-0-471-97683-7	1
7	Lehninger: Principles of Biochemistry	David L. Nelson & Michael M. Cox	Pal Grave Macmillian, 6 <sup>th</sup> edition, 2008	2015	978-142-9234146	5

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

8	Biochemistry	U. Satyanarayana & U. Chakrapani	Elsevier Health Sciences, 2013 June, 5 <sup>th</sup> edition	2017	978-8131236017	1
9	Fundamentals of Biochemistry	Donald Voet, Judith G. Voet, Charlottewpratt	Wiley, 5 <sup>th</sup> edition	2000	978-1118643266	5
10	Plant Biochemistry	Hans Walter Heldt & Birgit Piechulla	Elsevier Science, 4 <sup>th</sup> edition	2010	978-01208833912	5
12	UGC CSIR NET/SET (JRF & LS)	Ashish Nagesh, Prashant Kumar, Quaisher J. Hossain	Arrihant Publication Private Limited, Meerut, 2012	2014	978-9350750483	20

**17. Statistics & Computer Science**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
<b>Priority 1</b>						
1	Theory of Statistical Inference	Shelemyahu Zacks	John Wiley & Sons	1971	9780471981039	4
2	A Practical Approach to Linear Algebra	Prabhat Choudhary	Oxford Book Co.	2009	9788189473952	2
3	Advanced Calculus: Theory and Practice	Dr. Savita Mishra	Oxford Book Co.	2018	9789350303337	5
4	Applied Combinatorics	Luis J. Green	Oxford Book Co.	2018	9789350303825	3
5	Bioinformatics and Its Applications	S.G. Sandhu	Agrotech Press	2013	9789383101030	5
6	Environmental Statistics with R	Dr. Manendra Kumar	Oxford Book Co.	2018	9789350303603	5
7	Handbook of Bioinformatics	S.G. Sandhu	Agrotech Press	2013	9789383101306	2
8	Optimization Theory: Techniques of Operation Research	V.G. Gupta	Oxford Book Co.	2009	9788189473907	5
9	Statistical Methods for Agricultural Workers	Dr. S.R.J. Singh	Oxford Book Co.	2012	9789350300732	3
10	Strategic Methods and Concepts of Statistics	R.K. Jacob	ABD Publishers	2006	8183760813	2
11	Linear Statistical inference and its Applications	C.Radha Krishna Rao	Wiley Series in Probability and Statistics	2001	9780471218753	4
12	Handbook of Statistical Genetics	D.J.Balding M.Bishop C.Cannigs	Wiley	2007	9780470058305	2



**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

13	Statistical Inference	Casela & Berger	Duxvury Thompson Learning	2001	9780534243128	3
14	Sequential Analysis	Wald. A	Dover Publication	2013	9780886615790	5
15	Statistical Inference theory of Estimation	Manoj Kumar Srivastava, Abdul Hamid Khan, Namita Srivastava	PHI Learning	2014	9788120349308	2
16	An Introduction to Multivariate Statistical Analysis	T.W. Anderson	Wiley Series in probability and Statistics	2003	9780471360919	1
<b>Priority 2</b>						
17	A Textbook of Agriculture Statistics	Dr. S.R.J. Singh	Oxford Book Co.	2012	9789350300428	2
18	A Textbook of Algebra and Geometry	R.K. Jacob	ABD Publishers	2006	8183760791	2
19	Abstract Algebra	Prabhat Choudhary	Oxford Book Co.	2017	9788189473549	2
20	Algebraic Approach to Geometry	Naseer Khan	Oxford Book Co.	2018	9789350303344	2
21	Analysis on Manifolds: A Modern Approach to Mathematics & Physics	V.G. Gupta	Oxford Book Co.	2017	9788189473433	2
22	Applied Partial Differential Equations	Dr. F.D. Wade	Oxford Book Co.	2018	9789350303351	3
23	Basics of Bioinformatics	Narayan Dubey	Oxford Book Co.	2012	9789350301067	5
24	Bioinformatics	Arunima Mukherjee	Oxford Book Co.	2008	9788189473518	5
25	Business Statistics for International Trade	Ashish J. Dave	Horizon Press	2014	9789383096053	2
26	Course in Mathematical Methods for Physicists	Naveen Kumar Jha	Oxford Book Co.	2018	9789350303368	2
27	Elementary Bioinformatics	Dr. Satish Kumar Sinha	Oxford Book Co.	2012	9789350300473	5
28	Encyclopaedia of Bioinformatics	Shweta SharmaPrakash Triveni	Oxford Book Co.	2013	9789350301333	3
29	Encyclopaedia of Statistics for Business and Economics (4 Vol. Set)	Ashish J. Dave	Horizon Press	2015	9789383096176	3
30	Essential Statistics for Business and Economics	Ashish J. Dave	Horizon Press	2014	9789383096039	2
31	Handbook of Applied Statistics in Pharmacology	Katsumi Srivastava	Agrotech Press	2018	9788193470404	2
32	Introduction to Social Statistics	Sunil Gupta	Ishika Publishing House	2015	9789382629733	2
33	Mathematical Logic	Dr. Savita Mishra	Oxford Book Co.	2018	9789350303412	2
34	Mathematics: Marvels & Milestones	A.L. Audichya	Oxford Book Co.	2008	9788189473402	2

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

35	Practical Bioinformatics	Dr. Satish Kumar Sinha Dr. Ashok Kumar Sharma	Oxford Book Co.	2012	9789350300800	2
36	Statistical Methods	Kapil Sharma	ABD Publishers	2011	8185771545	3
37	Statistics for Management	Ashish J. Dave	Horizon Press	2014	9789383096060	2
38	Vector Calculus	Dr. Rakesh Kumar Pandey	Oxford Book Co.	2012	9789350300909	2
39	Probability and Measure theory	Robert B. Ash. Catheriane A. Dade	Elevier Science	1999	9780120652020	3
40	Probability through problems	Marek Capinski, Tomasz Zastawnak	Springer	2001	9780387950631	3
41	An Introduction to Prob. Theory and its applications	William feller	John wiley	1972	9780471257080	4
42	An Introduction to Probability and Statistics	V.K. Rohtagi Ak.Md. Saleh	John Wiley	2015	97811187799642	2
43	Theory of point estimation	Lehmannn EL	Springer	1998	9780387985022	7

**18. Microbiology**

S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
<b>Priority 1</b>						
1	Handbook of Microbial Biofertilizers	Dr. Awani Kr. Singh	Agrotech Press			5
2	Text Book of Industrial Microbiology	R.D. Joshi	Oxford Book Company, Jaipur			5
3	Food Microbiology	Dr. Satish K. Sinha, Dr. Ashok K. Sharma	Oxford Book Company, Jaipur			3
4	Environmental Microbiology	Annette Bolger	Oxford Book Company, Jaipur			3
5	Microbial Biotechnology Principles and Applications	Lee Yuan Kun	World Scientific Publishing Company			5
6	Introductory Microbiology	Heritage	Cambridge University Press			5
7	Introduction To Bioinformatics: Basic Concepts And Applications	DK Bagdi, R Kumari	Brillion Publishers, New Delhi			5
8	Essentials of Microbiology	AK Rathoure, A Bhatt, A Shrivastava, K Katiyar	Brillion Publishers, New Delhi			5

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

<b>19. Dr. Deepak Kher, Director Planning and Monitoring, SKUAST-Jammu</b>						
S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
<b>Priority 1</b>						
1	Soil Science, Fertilizers and Manures	Deepak Kher, Narinder Panotra, Satish K. Sharma	Educationist Press/ Write & Print Publications, New Delhi	2018	9789387214040	1
2	Soil Chemistry	Majeed UI H. Chesti, Deepak Kher	Bioscientific Publisher, New Delhi	2018	9789387266018	1

<b>20. Directorate of Extension</b>						
S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
<b>Priority 1</b>						
1	Advances and Challenges in Agricultural Extension and Rural Development	Rathakrishnan T.	NIPA, New Delhi			1
2	Agricultural Communication	Dubey V. K.	NIPA, New Delhi			1
3	Agricultural Extension : Farmer Education And Rural Development	Salvador Flores	NIPA, New Delhi			1
4	Agrucultural Extension : Worldwide Innovations	Saravanan, R.	NIPA, New Delhi			1
5	Agro-enterprises For Rural Development and Livelihood Security	Sharma J. P. & S.K. Dubey	NIPA, New Delhi			1
6	Agroforestry for Increased Production and Livelihood Security	Sushil Kumar Gupta, Pankaj Panwar & Rajesh Kaushal	NIPA, New Delhi			1
7	Agroforestry Systems for Resource Conservation and Livelihood Security in Lower Himalayas	Panwar, P. & Dadhwal	NIPA, New Delhi			1
8	Ancestral Knowledge in Agri-Allied Science	Soha, Ratan Kumar	NIPA, New Delhi			1
9	Development Communication: Applied To Journalism & Mass Communication, Extension Education & Communication, Rural Development And Management Studies	Dubey V.K., Pandey K.N., Pandey, Ranshekhar	NIPA, New Delhi			1
10	Dimensions of Extension Education	Mohapatra, B.P.	NIPA, New Delhi			1

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

11	Evaluation and Impact Assessment of Technologies and Developmental Activities in Agriculture, Fisheries and Allied Fields	Roy, A.K.	NIPA, New Delhi			1
12	Extension Management in the Information Age Initiatives and Impacts	Philip, H.& T.Ro.hukrislin.;r.	NIPA, New Delhi			1
13	Extension Management Strategies for Sustainable Agriculture: Opportunities and Challenges	Philip, T.Rothakrishnon	NIPA, New Delhi			1
14	Extension of Technologies: From abs to Farms	Anondaroja, N.	NIPA, New Delhi			1
15	Extension Techniques for livestock Development	Singh S.K. & S.D.Singh	NIPA, New Delhi			1
16	Form Women Empowerment Through Dairy Co-operative Societies	Swain, Pitambar	NIPA, New Delhi			1
17	Gender Mainstreaming in Form Sector	Bibhuti P. Mohopatro, Smoroniko Dos	NIPA, New Delhi			1
18	ICTs for Agricultural Extension: Global, Experiments, Innovations and Experiences	Sorovonon, R. ed.	NIPA, New Delhi			1
19	ICTs for Transfer of Technologies: Tools and Techniques	Verma, S.R.	NIPA, New Delhi			1
20	Information and Communication Technology for Agriculture and Rural Development	Sorovonon, R.	NIPA, New Delhi			1
21	Innovations in Rural Extension:Cose Studies form Bangladesh	Mele, Poul Van	NIPA, New Delhi			1
<b>Priority 2</b>						
22	Acquisition of English Grammer	Shaun Taylor	NIPA, New Delhi			1
23	Advances in Agri-Management General management Business Development and Innovative Practices	Gupta, Rakhi & Divya Gupta Chowdhry	NIPA, New Delhi			1
24	Agricultural Field Experiments : Design and Analysis	Petersen, Roger	NIPA, New Delhi			1
25	Agricultural Marketing : Perspectives and Potentials	Bhat, Anit & S. P. Singh	NIPA, New Delhi			1
26	Agri-Food Chain Relationships	Fischer Christian Et. Al	NIPA, New Delhi			1
27	Agro Industries For Development	Da Silva and Baker	NIPA, New Delhi			1

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

28	Agrobiodiversity and Sustainable Rural Development	Soam, S.K. & S.K. Dubey	NIPA, New Delhi			1
29	Agroforestry Practices in North-Eastern Coastal Plain Zone of Odisha	Biswanath Sahoo	NIPA, New Delhi			1
30	Agroforestry : Principles and Practices	Patra, Alok Kumar	NIPA, New Delhi			1
31	Agroforestry : Systems and Practices	Puri, Sunil & Pankaj Panwar	NIPA, New Delhi			1
32	Agroforestry : Systems and Prospects	C.B. Pandey & O. P. Chaturvedi	NIPA, New Delhi			1
33	Aurvedic Science of Food and Nutrition	Rastogi, Sanjeev	NIPA, New Delhi			1
34	Biotechnology in India : Initiatives and Accomplishment	Niladri, Bag	NIPA, New Delhi			1
35	Conducting An Effective and Successful Training Programme	Sontakki, Bharat S.	NIPA, New Delhi			1
36	Disaster Management	Murthy, K. Ramano .	NIPA, New Delhi			1
37	Disaster Management Strategies	Dealenkar, Vivek	NIPA, New Delhi			1
38	Disaster Management Through Panchayoti Raj	Taori,Kamal	NIPA, New Delhi			1
39	Disasters Management and Mitigation	Schoo,R.K.	NIPA, New Delhi			1
40	Disasters: Strengthening Community Mitigation and Preparedness	Khanna, B.K. & Neena Khanna	NIPA, New Delhi			1
41	Disoter Management in 21st Century	Noyok, S.S.	NIPA, New Delhi			1
42	Ecology of Social Evolution	Korb,J.	NIPA, New Delhi			1
43	Economics,Marketing and Sales of Agricultural Products -	Thakur, Shoilendro Noth	NIPA, New Delhi			1
44	Elementary Agriculture	Noinwol, Konchan & Navin Noinwol	NIPA, New Delhi			1
45	Essentials of Business Research Methods: 3rd ed.	Joe F.Hair	NIPA, New Delhi			1
46	Extension Education Management in Veterinary Science and Animal Husbandry	Singh, Ruthi & M.K. Mandal	NIPA, New Delhi			1
47	Family Farming and Rural Economic Development	M.L.Choudhory & Adityo	NIPA, New Delhi			1
48	Food,Diversity,Vulnerability and Social Change	Niehof, Anke	NIPA, New Delhi			1
49	Fundamental of Disaster and Hazard Management	Hooke, Austin	NIPA, New Delhi			1
50	General Agriculture: (A Book Meant for ARS, JRF, SRF Examinations)	Brojendro	NIPA, New Delhi			1

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

51	Handbook Of Tedmology And Management In Library And Information Services	Fleur Dobrowsko	NIPA, New Delhi			1
52	ICTs and the Millennium Development Goals	K'aur, Harleen	NIPA, New Delhi			1
53	Improved Agricultural and Allied Technologies for Formers	B.K. Singh	NIPA, New Delhi			1
54	Information and Knowledge Management: Tools, Techniques and Practices	Roy, A.K.	NIPA, New Delhi			1
55	Information Technology and Organizational earning	Longer, A.M.	NIPA, New Delhi			1
56	Information Technology In Librarianship	Fleur Dabrowska	NIPA, New Delhi			1
57	Information Technology in Veterinary Science	Patil, Vivek	NIPA, New Delhi			1
58	Introduction to Disaster Management	Nayak, S.S.	NIPA, New Delhi			1
59	Lorge Scale Disasters: Ptediction, Control and Mitigation	Gad-el-Hok	NIPA, New Delhi			1
60	Livelihoods, Noturol Resources and Post-Confliid Peace Building	Young, Helen	NIPA, New Delhi			1
61	Local Environmental Sustainability	Buckingham, Susan	NIPA, New Delhi			1
62	Matlab: A Prodicol Introduction to Programming and Problem Solving: 3rd ed.	Attaway, S.	NIPA, New Delhi			1
63	MCQs in Agriculture Extension	Brajendra	NIPA, New Delhi			1
64	Mobile Phones for Agricultural Extension	Saravanan, R.	NIPA, New Delhi			1
65	Natural Disoste: Couse, Coue, Effed, Simulation :Multimedia Program on CD ROM for Moncintosh and Pc	Frater, H.	NIPA, New Delhi			1
66	Natural Hazard Mitigation Policy: Implementation, Organizational Choice and Contextual Dynamics	Alesh, D.J.	NIPA, New Delhi			1
67	Natural Hazards and Disaster Management: Vulnerability and Mitigation	Singh, R.B.	NIPA, New Delhi			1
68	Organizations and Organizing Rationol, Natvral and Open System- Perspectives	Scott, W. Richard	NIPA, New Delhi			1

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

69	Peasants Forme and Scientists:A Chronicle of Tropical Agriculturoi Science in The Twenrieth Centur 1	Mutsae, H.J.W	NIPA, New Delhi			1
70	Peoples Participation In Soil & Water Conservation Through Watershed Approach	Bogdi G.L.	NIPA, New Delhi			1
71	Preparedness and Response for Catastrophic Disoste	Bissell,Rick	NIPA, New Delhi			1
72	Progress of Geo-Disaster Mitigation Technology in Asia	Fowu, Wong	NIPA, New Delhi			1
73	Project Leadership: RISA Plan of Work 2013 Guide	Willars, Nick	NIPA, New Delhi			1
74	Question Bank in Extension Education	Mohammad,Asif & K. Ponnusamy	NIPA, New Delhi			1
75	Recent Approaches on Disaster Management	Mishra, Anish	NIPA, New Delhi			1
76	Redesigning Animal Agriculture:The Challenge of the 21stCentury	Swain, D.L.	NIPA, New Delhi			1
77	Reducing Disaster: Early Warning Systems for Climate Change	Zomme,Zinto	NIPA, New Delhi			1
78	Research Methodology in Social Sciences	Shridhar Patil Aditya	NIPA, New Delhi			1
79	Research on e-learning and ICT in Education	Korogiannidis, Chorolmpos	NIPA, New Delhi			1
80	Researching The Culture In Agri-Culture: Social Research For International Agricultural Development	Michael M Cerneo Amir H. Kassam,	NIPA, New Delhi			1
81	Resilience Intervention for Youth in Divee Populations	Embury, Sandro	NIPA, New Delhi			1
82	Rethinking Youth Wellbeing: Critical Pepectives	Wright, Katie	NIPA, New Delhi			1
83	Rural Analysis and Management: An Earth Science Approach to Rural Science	Topiodor, F.	NIPA, New Delhi			1
84	Rural Change and Sustainability: Agriculture, the Environment ond Communities	Essex, S.J.	NIPA, New Delhi			1
85	Rural Development	Mohopatro, A.K.	NIPA, New Delhi			1
86	Rural Development ond Non-Form Sector	Thakur, Singh	NIPA, New Delhi			1
87	Rural Extension Handbook	Singh Vijender, Vosishtho M.S.	NIPA, New Delhi			1
88	Rural Gender Relations: Issues and Cose Studies	Bock, B.	NIPA, New Delhi			1

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

89	Rural Livelihood and Food Security	Wani,M.H.	NIPA, New Delhi			1
90	Rural Safety: Machinery,Stock and General Hazards	Brown, Andrew	NIPA, New Delhi			1
91	Sales Monageme.nt: Analysis and Decision Making	Ingram, Thomas N.	NIPA, New Delhi			1
92	Somekit Krishi Pranali	Kumar, Sanjeev	NIPA, New Delhi			1
93	SHGs in Techno-Economic Empowerment of Tribal Women	Satapathy, C. & Sabita Mishra	NIPA, New Delhi			1
94	Smallholder Tree Growing for Rural Developmnt and Environmental Services	Sneider, Denyse J.	NIPA, New Delhi			1
95	Snow ond Climate: Physical Processes,Surfoce Energy Exchange ond Modelina	Armstrong, R.L.	NIPA, New Delhi			1
96	Social Ecological Diversity and Traditional Food Systems	Singh, Ranjay,Nancy J.Turner	NIPA, New Delhi			1
97	Soil Erosion ond Carbon Dynamics	Roose, Eric J:-	NIPA, New Delhi			1
98	Soil Fertility And Pion! Nutrition	Prasad N.K.	NIPA, New Delhi			1
99	Soil Fertility Evoluotion ond Control	Block, Charles A.	NIPA, New Delhi			1
100	Soil Fertility Monogement for Sustoinable Agriculture	Prosod, Rojendro	NIPA, New Delhi			1
101	Soil Fertility:2nd.ed.	Foth, H.D.	NIPA, New Delhi			1
102	Spotiol Doto Analysis in Ecology ond Agriculture Using R	Plant, Richard E.	NIPA, New Delhi			1
103	Successful Strategies in Supply Chain Monogement	Chon, Chi Kin	NIPA, New Delhi			1
104	Successful Test Monogement: An Integral Approach	Pinkster	NIPA, New Delhi			1
105	Sustoinable Poverty Reduction in Less Favoured Areas	Ruben, R	NIPA, New Delhi			1
106	Sustoinable Solutions for Modem Economies	Hofer,Rotner	NIPA, New Delhi			1
107	Technological Advances In Library Classification Research	Czetyrbok	NIPA, New Delhi			1
108	Technological And Institutional Innovotions For Morginolized Smallholders In Agricultural Development	Gotzweiler, Franz W.	NIPA, New Delhi			1
109	Technologies for livelihood Enhancement	Chopra, V.L & Sanjay Kumar ed.	NIPA, New Delhi			1



**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

110	Technology And Monogement In Library And Information Services	Andrei Rabinovich	NIPA, New Delhi			1
111	The Economic Impact of Public Support to Agriculture: An Internotiool Pepective	Boll,V.E.	NIPA, New Delhi			1
112	The Family ond the Notion	APJ Abdul Kalom	NIPA, New Delhi			1
113	The Global Age	Pandya, Joyshree	NIPA, New Delhi			1
114	Traditional Agricultural Practices:Applications and Technical Implementations	Rothokrishnon, T.	NIPA, New Delhi			1
115	Victimizing Vulnerable Groups:Imoges of Uniquely High Risk Crime Toraets	Coston, C.	NIPA, New Delhi			1
116	Women in Agriculture and Rural Development	Sridhoro, Shokuntalo: eds.	NIPA, New Delhi			1
117	Women in Sustainable Agriculture	C.Sotopothy & Sabito Mishra	NIPA, New Delhi			1
118	Youth Gongs'in International Perspective	Finn-Aage Esbensen	NIPA, New Delhi			1
119	Youth in Agriculture and Rural Development	Noroyono Gowda, K.	NIPA, New Delhi			1

<b>21. Advanced Centre for Rainfed Agriculture (ACRA), Rakh, Dhiansar</b>						
S.No.	Title of Book	Author	Publisher	Year of Publication	ISBN	Copies Required
1	Rainfed Kharif Crop Protection Constraints and Mitigation Strategies	Reena, Sonika Jamwal, Anil Kumar, Vikas Abrol, Jai Kumar and R. Puniya	New India Publishing Agency, New Delhi	2018	9781730742011	5
2	Rainfed Rabi Crop Protection Constraints and Mitigation Strategies	Reena, Sonika Jamwal, Anil Kumar, Brinder Singh, R. Puniya, P K Rai and Jai Kumar	New India Publishing Agency, New Delhi	2018	9789386546692	5
3	An insight in to soil and plant analysis	Vikas Abrol, Anil Kumar, Brinder Singh, Permendra Singh	Jaya Publishing House, New Delhi	2018	9789387590717	5
4	Rainfed Agriculture in Jammu Region-A Perspective	Anil Kumar, Praveen Kumar, Reena, Brinder Singh, and Jai Kumar	Sara Book Publication, Gujarat	2016	9781730742011	5

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

5	Weeds at a Glance	Anil Kumar, R. Puniya, Amit Mahajan, Ashu Sharma and Lobzang Stanzen	Narendra Publishing House	2016	9789386110138	5
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**Faculty of Veterinary Science & Animal Husbandry, R.S.Pura**

<b>1. Veterinary Medicine</b>						
<b>S.No</b>	<b>Title of the book</b>	<b>Author</b>	<b>Publisher</b>	<b>Year of Publication</b>		<b>Copies required</b>
	<b>Priority 1</b>					
1	Veterinary Medicine : A textbook of the diseases of cattle, horses, sheep, pigs and goats - two-volume set	Peter D. Constable , Kenneth W. Hinchcliff , Stanley H. Walter Gruenberg	W B Saunders Co Ltd 11th Revised edition/978 070205246 0	2017		5
2	Textbook of Veterinary Internal Medicine Expert Consult	Stephen J. Ettinger	Elsevier - Health Sciences Division/97 803233121 10	2017		4
3	Emerging and Re-emerging Infectious Diseases of Livestock	Jagadeesh Bayry	Springer Internation al Publishing AG/ 978331947 4243	2017		1
4	Dairy India, 7th ed	P.R. Gupta	Dairy India Yearbook, A-25, Priyadarshi ni Vihar, New Delhi- 110092	2019		2
	<b>Priority 2</b>					
5	Exotic Animal Formulary-5 <sup>th</sup> Revised edition	James W. Carpenter	Elsevier Health Sciences/I SBN 978032344 4507	2017		1
6	Laser Therapy in Veterinary Medicine :Photobiomodulation	John C. Godbold	John Wiley & Sons Inc/978111 9220114	2017		1
7	Recent Progress in Veterinary Medicine	Mel Roth	Syrawood Publishing House U .S./978168 2864401	2017		1
8	Diseases of the Goat, 4E	John G. Matthews	John Wiley & Sons Inc/978111 9073512	2016		2

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

9	The Merck Veterinary Manual	Susan E. Aiello , Michael A. Moses	Elsevier Health Sciences/9 780911910 612	2016		4
10	Pathologic Basis of Veterinary Disease Expert Consult	James F. Zachary	Elsevier - Health Sciences Division/97 803233577 53	2016		1
11	Handbook of Veterinary Medicine	Andrea Santoro	Callisto Reference U K /97816323 96709	2016		1
12	Rebhun's Diseases of Dairy Cattle	Simon Peek	Elsevier - Health Sciences/ 978032339 0552	2017		1
13	Skin Diseases of the Dog and Cat	Tim Nuttall Melissa Eisenschenk Nicole A. Heinrich , Richard G. Harvey	Apple Academic Press Inc. CA/ 978148222 5969	2017		1
14	Manual of Clinical Procedures in the Horse	Lais R. R. Costa , Mary Rose Paradis	John Wiley & Sons Inc/ 978047095 9275	2017		1
15	Blackwell's Five-Minute Veterinary Consult Clinical Companion : Small Animal Emergency and Critical Care	Elisa M. Mazzaferro	John Wiley & Sons Inc/ 978111899 0285	2017		1

<b>2. Livestock Production Management</b>						
<b>S.No</b>	<b>Title of the book</b>	<b>Author</b>	<b>Publisher</b>	<b>Year of publication</b>		<b>Copies required</b>
	<b>Priority 1</b>					
1	Farm animal behaviour and welfare (3 <sup>rd</sup> edition)	Andrew Ferguson Fraser, Donald M. Broom	CABI ISBN 10: 085199 1602	1996		2
	<b>Priority 2</b>					

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

2	WILDLIFE BIOLOGY : AN INDIAN PERSPECTIVE	GOUTAM KUMAR SAHA, SUBHENDU MAZUMDAR	Published by Asoke k.Ghosh, phi learning private limited Rimjhim house 111 ISBN 978-81-230-5313-8	2017		4
3	Text book of farming system	U.K.Behera	Agro tech public academy (Abe books)	2014		1
4	Modern livestock & poultry production 9 <sup>th</sup> edition	James R.Gillespie & Frank.B.Flanders	Cengage Learning, 20091428318089, 9781428318083	2015		1
5	Livestock production & climate change Series. 6 Kindle Edition	P.K.Malik	CABI (9781780644325)	2015		1

<b>3. Veterinary Parsitology</b>						
S.No	Title of the book	Author	Publisher	Year of publication		Copies required
	<b>Prioriy 1</b>					
1	Dogs, Zoonoses and Public Health, 2nd Edition	Macpherson Calu	CAB International	2013		2
2	Georgis Parasitology for veterinarians (9th Edition)	Dwight D Bowman	Saunders ELSEVIER	2013		1
3	Handbook of Equiner Parasite Control	Reinemeyer	International Books Services	–		1
4	Handbook of Zoonoses: Identification and Prevention	Colville	International Books Services	–		2
5	Veterinary Clinical Parasitology 8th Edition	Zajac	International Books Services	–		1
6	Atlas of Parasites of Sheep	Papadopoulos, E.	International Books Services	–		1
	<b>Prioriy 2</b>					
7	Veterinary Parasitology (3rd Edition)	M.A. Taylor, R.L. Coop and R.L. Wall	Blackwell Publishing Ltd. UK	2013		2

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

8	Veterinary Parasitology 4th edition	Taylor, MA	International Books Services	-		1
9	Veterinary Entomology: Livestock and Companion animals (2010)	Williams Ralpher, E.	Boca Raton, Fla: CRC Press	2010		1
10	60 Q & A on Bovine Parasitology: A Handbook of Questions and Answer	Manes, A.M.	International Books Services	-		1
11	Veterinary Parasitology 3rd edition	Taylor	International Books Services	-		1
12	Veterinary Protozoan and Hemoparasite Vaccines	Wright, I.G.	International Books Services	-		1

**4. Veterinary Anatomy**

S.No	Title of the book	Author	Publisher	Year of publication		Copies required
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**Priority 1**

1	Wheater's Functional Histology A Text and colour Atlas	R. Paul, H. Wheater, H. George Burkitt G. Victor , Daniels	ELBS publishers	1967		2
2	Colour Atlas of veterinary Histology ( Illustrated) Hardcover	William Bacha ( author) Linda Bacha	Lippincott Williams & Wilkins	-		1
3	Text Book of Veterinary Anatomy.	Dyce KM, Sack WO and Wensing C.J.G	Saunders incorporated Philadelphia USA International Book Distributing Co.	2009		2

**Priority 2**

4	The Anatomy of Domestic Animals	R. Nickel A. Schummer. E. Seiferle	Verlag Paul Parey Berlin Hamburg.	Vol -3 (1981)		1
5	Text book of Veterinary histology	Dellmann H. Dieter	Lea & Febiger -	-		1
6	Atlas of topographical Anatomy of Domestic Animals Peter Popesko	Peter Popesko	Sounders( WB) Co Ltd. 2Rev Ed Edition	-		1
7	The Viscera of the Domestic Mammals	A. Schummer. R. Nickel & WO. Sac	Verlag Paul Parey Berlin Hamburg.	2nd revised 1979		1

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

**Priority 3**

8	Anatomy of Domestic Birds	R. Nickel A. Schummer. E. Seiferle	Verlang Paul Parey Berlin Hamburg.	1977		1
9	The Anatomy of Domestic Animals	R. Nickel A. Schummer & E. Seiferle	Verlang Paul Parey Berlin Hamburg.	Vol -1 (1986)		1
10	Foundation of Embryology.	Patten BM	Tata McGraw-Hills	1985		1
11	Circulatory System, Skin and Skin Organs of Domestic Mammals	A. Schummer, H.Wilkens, B. Bollmerhaus & K. Habermehi	Verlong Paul Parey Berlin Hamburg,	1981		2
12	Guide to the Dissection of the Dog	Howard E.Evans and Alexander de Lahunta	International Book Distributing Co.	7 <sup>th</sup> Edn. 2010		1
13	Introduction to Veterinary Anatomy and Physiology Text Book	Victoria Aspinall & Melanie Cappello	International Book Distributing Co.	2 <sup>nd</sup> Edn. 2009		1
14	Essentials of Domestic Animal Embryology	Hyttel	Elsevier	-		3
15	diFiore's Atlas of Histology with Functional Correlations	Victor P. Eroschenko	CBS Publisher and Distributers	10 <sup>th</sup> Edn. Reprint 2006		2

**5. Veterinary Gynaecology & Obstetrics (2017-18 & 2018-19)**

S.No	Title of the book	Author	Publisher	Year of publication		Copies required
	<b>Priority 1</b>					
1	Artificial Insemination in Farm Animals	Enos J. Perry	Rutgers University Press	1973	978-0813505770	2
2	Text Book of Veterinary Gynaecology, Artificial Insemination, Obstetries and Assisted Reproduction	Bandapadhyay S.K., Bhattacharyya B.	Kalyani Publishers, New Delhi	2007	978-8127233792	1
3	Reproduction in Farm Animals	Kate Anderson	Oxford Book Co.	2018	978-9350303283	1
4	Reproduction in Domestic Ruminants VII	Lucy	Nottingham University Press	2011		1

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

5	Handbook of Veterinary Obstetrics 2nd edn	Jackson, Peter G G	Astral International (p) Ltd, New Delhi	2007		1
6	Text Book of Veterinary Gynaecology, Artificial Insemination, Obstetrics and Assisted Reproduction	Bandopadhyay S.K., Bhattacharyya B.	Kalyani Publishers, New Delhi	2007		1
	<b>Priority 2</b>					
7	Manual of Equine Reproduction	Terry L. Blanchard et al.	Mosby	1998		2
8	Reproductive Physiology and Livestock Embryo Transfer	G.M. Wani	SSPH	2010		3
9	Veterinary Reproduction and Obstetrics	Noakes	Elsevier	2009		6
10	Applied Veterinary Andrology and Artificial Insemination	Pradeep Kumar et al	Kalyani Publishers, New Delhi	2013	978-9327229820	1
11	Vitrification in assisted reproduction	MICHEL J TUCKER ET AL	CRC Press	2015	978-1482242577	1
12	Equine Reproduction 2 Vols.	Mckinnon	Wiley-Blackwell	2011		3

<b>6. Veterinary Pathology</b>						
S.No	Title of the book	Author	Publisher	Year of publication		Copies required
	<b>Priority 1</b>					
1	Pathology of Wildlife and Zoo Animals, 1st Edition	Karen Terio, Denise Mcaloose, Judy St. Leger	Academic Press ISBN: 9780128053065	2018		1
2	Pathologic Basis of Veterinary Disease (6th Edition)	James F. Zachary	Mosby Title ISBN: 978-0-323-35775-3	2017		1
	<b>Priority 2</b>					
3	Ultrastructural Pathology: The Comparative Cellular Basis of Disease, (2nd Edition)	Norman F. Cheville	Wiley-Blackwell ISBN: 978-0-8138-0330-2	2009		1
4	Diseases of Poultry, (13th Edition)	David E. Swayne, J.R. Glisson, L.R. McDougald, L.K. Nolan, D.L. Suarez, V.L. Nair	Wiley-Blackwell ISBN: 978-0-470-95899-5	2013		1

**7. Veterinary Surgery & Radiology**



**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

S.No	Title of the book	Author	Publisher	Year of publication		Copies required
	<b>Priority 1</b>					
1	Small Animal Diagnostic Ultrasound 3rd edition	Mattoon, John	W.B. Saunders	17th December 2014		1
	<b>Priority 2</b>					
2	Slatter's Fundamentals of Veterinary Ophthalmology 5th Edition	David Maggs Paul Miller Ron Ofri	Saunders	29th November 2012		1
3	Brinker, Piermattei and Flo's Handbook of Small Animal Orthopedics and Fracture Repair 5th Edition	Charles DeCamp Paperback	Saunders	8th December 2015		1
4	Veterinary Anaesthesia 11th Edition	Kathy Clarke Cynthia Trim	Saunders Ltd.	16th August 2013		1
	<b>Priority 3</b>					
5	BSAVA Manual of Small Animal Ophthalmology	Simon M. Peterson-Jones (Editor), Sheila M. Crispin (Editor)	BSAVA;	11-Oct-02		1
6	Large Animal Ophthalmology, Volume 1	J. D. Lavach	Mosby,	12-Jun-05		1
7	Ophthalmic Pathology of Animals:An Atlas and reference Book	Saunders, L.Z., Rubin, L.F.	S. Karger	1975		1
8	Equine Surgery	Auer, Jorg	W.B. Saunders	15-Nov-05		1
9	Small Animal Radiology and Ultrasonography 3rd edition	Burk	W.B. Saunders	18th December 2002		1
10	Veterinary Anaesthesia 11 ed.	Clarke , Kathy	W.B. Saunders	.....		1
11	Small Animal Diagnostic Ultrasound 3rd edition	Mattoon, John	W.B. Saunders	17th December 2014		1

**8. Veterinary Animal Husbandry & Extension Education (VAHEE)**

S.No	Title of the book	Author	Publisher	Year of publication		Copies required
1	Question Bank in Extension Education	Mohammad, Asif	NIPA, New Delhi	2015		5

**9. Animal Nutrition**

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

S.No	Title of the book	Author	Publisher	Year of publication		Copies required
1	Comparative Animal Nutrition and Metabolism	Cheeke	CABI			2
2	Applied Veterinary Clinical Nutrition	Fascetti Andrea	Wiley			2
3	A Handbook on Mineral Nutrition and Diagnostic Techniques for Nutritional Disorders of Crops	Sathyamoorthi	Agrobios			1
4	Equine Nutrition and Feeding	Frape	Wiley			2
5	Equine Applied and Clinical Nutrition Health Welfare and Performance	Geor	Elsevier			1

<b>10. Veterinary Microbiology</b>						
S.No	Title of the book	Author	Publisher	Year of publication		Copies required
1	BIOS Instant Notes In Microbiology. 0004 Edition (2011)	Simon Baker Jane Nicklin Caroline Griffiths	Taylor & Francis Group			10
2	BIOS Instant Notes Immunology, 3rd ed 0003 edition	by BY Peter Lydyard Alex Whelan Michael Fanger	Taylor & Francis Group			10
3	Veterinary Vaccines, 2012.	Pandey R., Hoglund S & Prasad G	Springer	1993		1
4	Biotechnology for Beginners	Reinhard Renneberg and Arnold L. Demain	Academic Press			1
5	Principles of Molecular Virology, Fifth Edition by	Alan J. Cann,	Academic Press			2
6	Bioinformatics: A Practical Guide to the Analysis of Genes and Proteins, 3rd edition	B.F. Francis Ouellette, Andreas D. Baxevanis	Wiley			5
7	Basic Cell Culture (Practical Approach) (2005).	J. M. Davis	Oxford University Press India (2005)	2005		5
8	Himedia Manual	CatNo TL0001A	Solar Industries, 1st floor, 8 Karanagar, Ved Mandir, Jammu 9419143207			1
9	Alcamo's Laboratory Fundamentals of Microbiology 7th Edition	Jeffrey C. Pommerville	Jones and barlett			5

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

10	Basic Immunology	Jacqueline Sharon,	Lippincott Williams & Wilkins			1
11	Applied Veterinary Microbiology and Microbial Disease	Zeynep Cetecioglu, Bahar Ince, et al	Koros Press Hardcover ISBN No.: 9781781638286 eBook ISBN : 1781638284			1
12	Biotechnology: Applying the Genetic Revolution	David P. Clark, Nanette J. Pazdernik	Academic Press			1
13	Clinical Veterinary Microbiology, 2nd Edition	Bryan Markey Finola Leonard Marie Archambault Ann Cullinane Doris Maguire	Mosby Ltd Hardcover ISBN: 9780723432371			1
14	Vaccines 6th Edition	Stanley Plotkin, Walter Orenstein Paul Offit	Imprint: Saunders eBook ISBN: 9781455737987 Hardcover ISBN: 9781455700905	2012		1

**11. Veterinary Public Health & Epidemiology**

S.No	Title of the book	Author	Publisher	Year of publication	Copies required
1	Aguide to Milk Hugiene & Public Health (PB: Questions and Answers for Veterinary	Gupta N.	Internation al Books, New Delhi		5

**12. Teaching Veterinary Clinical Complex (TVCC)**

S.No	Title of the book	Author	Publisher	Year of publication	Copies required
1	Handbook on Field Veterinary Surgery	MMS Zama, A.M. Pawde & H.P. Aithal	Daya Publishing House	2015	25

**13. Livestock production Technology (LPT)**

S.No	Title of the book	Author	Publisher	Year of publication	Copies required
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**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

	<b>Priority 1</b>					
1	A Handbook of Livestock Entrepreneurship	M.M.S Zama, M.Rashid & Sunil Kumar	Jaya Publishing House	2017		5
2	Principles of Meat Science	Forest <i>et al.</i>	W.H. Freeman & Company	2012		2
	<b>Priority 2</b>					
3	Meat Technology	Gerrard F	Northwood.	1971		2
4	Advances in Meat Research Vol IX	Pearson AM & Dutson TR.	Springer Netherland	1994		1

<b>14. Veterinary Physiology &amp; Biochemistry</b>						
<b>S.No</b>	<b>Title of the book</b>	<b>Author</b>	<b>Publisher</b>	<b>Year of publication</b>		<b>Copies required</b>
1	Environmental physiology of Livestocks ISBN: 9780813811765	R J Collier & J L Collier	Willey-Blackwell			1

**Books to be purchased from FIST budget heads of Divisions**

<b>1. Biotechnology (FIST) (To be procured from the budget of School of Biotechnology)</b>						
<b>S.No.</b>	<b>Title of Book</b>	<b>Author</b>	<b>Publisher</b>	<b>Year of Publication</b>	<b>ISBN</b>	<b>Copies Required</b>
1	Plant Biodiversity and Taxonomy	Singh MP & Singh BS	Publishing House, Delhi.	2002		10
2	A Text book on Plant Nomenclature and Biodiversity Conservation	Das MK & Choudhury BP.	Kalyani Publishers	2008		20
3	Biophysics	Glaser	Springer	2012		5
4	Biophysics: An Introduction	Rodney Cotterill	John Wiley & Sons.			5
5	Microbiology: Concepts and Application	Pelczar MJ, Chan ECS & Kreig NR	Tata McGraw Hill	1997		10
6	Introduction to Microbiology	Tauro P, Kapoor KK & Yadav KS.	. Wiley	1996		10
7	Plant Physiology	Bhatia KN & Prashar AN.	Trueman Book Company	1990		10
8	Molecular Biology of the Cell	Alberts B, Johnson A, Lewis J, Raff M, Roberts K & Walter P.	Garland Science/ Taylor and Francis Group			5
9	Molecular Cell Biology	Lodish H, Berk A, Kaiser CA, Krieger M, Bretscher A, Ploegh H, Amon A & Scott MP.	W. H. Freeman	2012		5
10	Biotechnology for Beginners	Renneberg R.	Academic Press Publishers	2008		4
11	Genomes 2	Brown T A.	New york:Wiley-Liss	2002		10
12	Plant Tissue Culture: An Introductory Text	Bhojwani SS & Dantu PK.	Springer	2013		10
13	Fundamental Molecular Biology	Allison LA	Wiley Global Education.	2011		5
14	Molecular Biology Techniques A Classroom Laboratory manual.	Carson S, Miller HB & Witherow DS	Elsevier.	2012		10
15	Molecular Biology of the Gene	Watson JD, Bakee TA, Bell SP, Gann A, Levine M & Losick R.	Pearson Education International	2008		5

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

16	Electrical Measurements and Measuring Instruments.	Edward William Golding & Frederick Charles Widdis.	Pitman.	1969		5
17	Electronics Principles	Malvino	Tata McGraw-Hill Education.	2007		5
18	Genetics: A Molecular Approach	Brown TA.	Stanley Thornes	1998		10
19	PCR: Methods Express	Huges S. & Moody A.	Royal College of General Practitioners.	2007		10
20	Genes & Genome	Singer M & Berg P.	University Science Books	1991		10
21	Molecular Biology Genes to Proteins	Tropp BE	Jones & Bartlett Learning	2012 4th Ed		5
22	Basic Electronics.	Gupta JB.2009.	S. K. Kataria & Sons.			5
23	Molecular Biology and Biotechnology: A Guide for Teachers.	Kreuzer H & Massey A.	ASM Press.	2008		5
24	Genome Analysis and Bioinformatics A Practical Approach	T.R. Sharma	I.K. International Publishing House Pvt. Ltd. New Delhi	2009		10
25	The Nanobiotechnology Handbook	Yubing Xie	CRC Press	2012		2
26	Bionanotechnology: Global Prospects	David E. Reisner	CRC Press	2009		2
27	Nanobiotechnology: Inorganic nanoparticles Vs Organic nanoparticles	Jesus M. de la Fuente, V. Grazu	Elsevier	2012		2
28	Fundamentals of Nanotechnology.	Gabor L. Hornyak, John J. Moore, Tibbals HF., Joydeep Dutta.	CRC Press.	2008		
29	Practicals on Vegetable Breeding	Akhilesh Sharma, Viveka Katoch, Susheel Sharma and Chanchal Rana	Kalyani Publishers	2016		10
30	Essential Bioinformatics	Xiong, J		2010		8

**Books recommended by Heads of FoA/FVSc and AH/FBSc/School of Biotechnology for the financial year 2018-19**

<b>2. Veterinary Medicine (FIST) (To be procured from the Veterinary Medicine budget)</b>						
S.No	Title of the book	Author	Publisher	Year of Publication		Copies required
1	Blackwell's Five-Minute Veterinary Consult; Canine and Feline, 6 <sup>th</sup> ed, 2015	Larry P. Tilley & Francis W. K. Smith, Junior	Wiley-Blackwell	978-1-118-88157-6		1
2	Blackwell's Five-Minute Veterinary Consult; Ruminant 2 <sup>nd</sup> ed, 2017	Scott R. R. Haskell	Wiley-Blackwell	978-1-119-06468-8		1
3	Veterinary Medicine 11th Edition (2 vol. set)	Peter Constable Kenneth W Hinchcliff Stanley Done Walter Gruenberg	Elsevier	978-0-702-05246-0		1
4	Veterinary Clinical Examination and Diagnosis, 1 <sup>st</sup> Ed, 2000	Radostitis & Mayhew & Houston	Saunders	978-0702024764		1
5	Dermatology, an Issue of Veterinary Clinics: Small Animal Practice	Daniel O. Morris, and Robert A. Kennis	Elsevier - Health Sciences Division	9.78146E+12		1
6	Small Animal Internal Medicine, 5th Edition	Richard W. Nelson	Saunders	978-0-323-08682-0		1
7	Small Animal Ophthalmic Atlas and Guide	Christine C. Lim	Wiley-Blackwell	978-1-118-68976-9		1
8	Merck Veterinary Manual	Cynthia M. Kahn & Scott Line	Wiley	978-0-911-91061-2		1
9	Applied Veterinary Clinical Nutrition	Fascetti, Andrea J & S J Delaney	Wiley Blackwell	978-0-470-96148-3		1
10	Canine and Feline Nephrology and Urology, 2011	Dennis J. Chew, Stephen P. DiBartola & Patricia Schenck	Saunders	978-0-7216-8178-8		1
11	Manual of Canine and Feline Cardiology, 5th Edition	Larry Tilley Francis Smith Mark Oyama Meg Sleeper	Saunders	9.78032E+12		1
12	Fluid, Electrolyte, and Acid-Base Disorders in Small Animal Practice, 4th Edition	Stephen P. DiBartola	Elsevier	9.78144E+12		1