

LIST OF BOOKS FOR THE YEAR 2020-21

S. No.	Acc. No.	Author	Title	Year	Publisher	Unit
1	29652	Gaspard, Sarra; Ncibi, Mohamed Chaker	Biomass for sustainable applications: pollution remediation and energy	2014	RSC Green Chemistry No. 25	Bioenergy
2	29653	Letcher, Trevor; Scott, Janet; Patterson, Darrell Alec	Chemical processes for a sustainable future	2015	RSC	Bioenergy
3	29654	Christopher, Lew P.	Integrated forest biorefineries challenges and opportunities	2012	RSC Green chemistry no. 18	Bioenergy
4	29655	Rinaldi, Roberto	Catalytic hydrogenation for biomass valorization RSC energy and environmental series	2015	RSC energy and environment series no. 13	Bioenergy
5	29656	Lindsey, Blaise	Biodegradation and bioremediation	2018	ED-TECH PRESS	Bioenergy
6	29657	Chambers ,Phoenix	Standard methods for the examination of water and wastewater	2019	ED-TECH PRESS	Bioenergy
7	29658	Turner, Chris	Climate change and biodiversity	2018	ED-TECH PRESS	Bioenergy
8	29659	Hoogendoorn, Alwin; Kasteren, Han Van	Transportation biofuels novel pathways for the production of ethanol, biogas and biodiesel	2011	RSC	Bioenergy
9	29660	Black, Daniel	Biofuels towards a greener and secure energy future	2019	ED-TECH PRESS	Bioenergy

10	29682	Jackson Kavitha Mary, and K Ilamurugu	Rhizosphere Microbial Dynamics in Aerobic Paddy Cultivation	2013	LAP Lambert Academic Publishing	Bioenergy
11	29686	Thibodeaux Louis J. and Mackay Donald	Handbook of chemical mass transport in the environment	2011	CRC Press	Bioenergy
12	29766	Editors: Barreiro, Carlos, Barredo, José- Luis (Eds.)	Microbial Carotenoids Methods and Protocols	2018		Bioenergy
13	29767	Lee, Eun Yeol (Ed.)	Methanotrophs Microbiology Fundamentals and Biotechnological Applications	2019	Springer	Bioenergy
14	29630	Rai, mahendra; Cordell, GC; Martinez, Jose L; Marinoff, Mariela; Rastrelli, Luca	Medicinal plants biodiversity and drugs	2012	CRC Press	Botany
15	29631	Tobin, AK	Plant organelles compartmentation of metabolism in photosynthetic tissue	2008	Cambridge	Botany
16	29632	Petersen, John E.; Kennedy, Vicotr S.; Dennison, W.C.; Kemp, W. M.	Enclosed experimental ecosystems and scale tools for understanding and managing coastal ecosystems	2009	Springer	Botany
17	29622	Jasanoff, Alan	The Biological Mind	2018	Basic Books	Developmental Biology
18	29623	Kandel, Eric R; Schwartz, James H; Jessell, Thomas M; Siegelbaum, Steven A; Hudspeth, A.J.	Principles of Neuroscience5th Edition	2012	McGraw-Hill	Developmental Biology

19	29680	David Quammen	The Tangled Tree: A Radical New History of Life	2018	Simon & Schuster	Developmental Biology
20	29634	Phelps, Rowan	Genetics Embryology and Fishes	2018	ED-TECH PRESS	Developmental Biology
21	29635	Morrow, David A.	Myocardial Infarction: A Companion to Braunwald's Heart Disease	2017	Elsevier	Developmental Biology
22	29636	Connon, Che J; Hamley, Ian W.	Hydrogels in cell- based therapies		RSC	Developmental Biology
23	29637	Emsley, John	Molecules of Murder : Criminal molecules and classic cases	2008	RSC	Developmental Biology
24	29638	Maynard, Robert; Downes, Noel ; Finney, Brenda	Histological techniques an introduction for beginners in toxicology	2014	RSC	Developmental Biology
25	29639	Penn, Marc S.	Stem cells and myocardial regeneration	2006	Humana Press	Developmental Biology
26	29640	Stebbing, Tony	A cybernetic view of biological growth the maia hypothesis	2011	Cambridge	Developmental Biology
27	29641	Santos, Romana; Aldred, Nick; Gorb, Stanislav; Flammang, Patrick	Biological and biomimetic adhesives challenges and opportunities	2013	RSC	Developmental Biology
28	29642	Sperry, Ann O.	Molecular motors: methods and protocols (methods in molecular biology 392)	2007	Humana Press	Developmental Biology
29	29643	Rosenberg, Ian M.	Protein Analysis and Purification Benchtop Techniques	2005	Birkhauser	Developmental Biology
30	29680	David Quammen	The Tangled Tree: A Radical New History of Life	2018	Simon & Schuster	Developmental Biology

31	29681	Kong Hyunjoon, Putnam Andrew J. and Schook Lawrence B.	Stem cells and revascularization therapies (Biotechnology and bioprocessing series Vol 34	2012	CRC Press	Developmental Biology
32	29683	Ehud Lamm & Ron Unger	Biological computation (Chapman and Hall/CRC Mathematical and Computational Biology)	2011	Chapman and Hall/CRC	Developmental Biology
33	29684	Christiane Nüsslein- Volhard, Ralf Dahm	Zebrafish: A Practical Approach	2002	OUP Oxford	Developmental Biology
34	29687	Ramalingam M, Ramakrishna S and Best Serena	Biomaterials and stem cells in regenerative medicine	2012	CRC Press	Developmental Biology
35	29765	G.Technau	Brain Development in Drosophila melanogaster (Advances in Experimental Medicine and Biology)	2008	Springer	Developmental Biology
36	29685	Sidhartha Mukherjee	The Emperor of All Maladies: A Biography of Cancer	2011	Scribner	Developmental Biology
37	29620	George, Megan	Modern terrarium studio: Design + build custom landscaped with succulents, air plants+ more	2015	F & S INS	Garden
38	29624- 29625	Ghosh, S.N.; Tarai, R.K	Plant Growth Regulators in Tropical and Sub-tropical Fruit Crops-Part-I & II	2019	NARENDRA PUBLISHING HOUSE,C-21, Varun Apartment, Sector - 9, Rohini, DELHI - 110085	Genetics and Plant breeding
39	29626	Ashok Ganguli	Applied Biotechnology and Plant Genetics	2009	ABD Publishers	Genetics and Plant breeding

40	29621	Davidson, Iain	Biscuit Baking Technology: Processing and Engineering Manual	2016	Academic Press	Genetics and Plant breeding
41	29644	Carrillo, Westin	Biotechnology and food production	2019	ED-TECH PRESS	Genetics and Plant breeding
42	29645	Deleon, Aiden and Wiley, Roderick	Applied Biotechnology and Plant Genetics	2018	ED-TECH PRESS	Genetics and Plant breeding
43	29646	Hill, Jaime	Plant biotechnology experiments and techniques	2019	ED-TECH PRESS	Genetics and Plant breeding
44	29647	Wright, Joseph	Gene control	2019	ED-TECH PRESS	Genetics and Plant breeding
45	29648	Pryde, David C.; Palmer, Michael J.	Orphan drugs and rare diseases	2014	RSC	Genetics and Plant breeding
46	29649	Hunt, Jordan	Animal behaviour	2018	ED-TECH PRESS	Genetics and Plant breeding
47	29650	Carr, Gabe	Fruit production and processing technology	2019	ED-TECH PRESS	Genetics and Plant breeding
48	29651	Moore, Robin	Principles of animal nutrition	2018	ED-TECH PRESS	Genetics and Plant breeding
49	29688	Thomas Miedaner and Viktor Korzun	Applications of Genetic and Genomic Research in Cereals	2018	Elsevier	Genetics and Plant breeding
50	29764	Cantu, Dario, Walker, M. Andrew (Eds.)	The Grape Genome	2019	Springer International Publishing	Genetics and Plant breeding
51	29773	Jorge Fernando Genise	Ichnoentomology: Insect Traces in Soils and Paleosols (Topics in Geobiology 37)	2017	Springer	Geology
52	29627	Hays, Zaid and Watson, Danny	Fungal ecology, diversity and metabolites	2019	ED-TECH PRESS	Mycology
53	29628	Ware, Daxton	Biotechnology and insect pest management	2019	ED-TECH PRESS	Mycology

54	29629	White, Bret	Biological control of insect pests	2019	ED-TECH PRESS	Mycology
55	29768	Mahmoud A. Ghannoum, John R. Perfect	Antifungal therapy	2019	CRC Press Taylor and Francis Group	Nanobioscience
56	29769	Ashutosh Tiwari, NIS n. Nordin	Advanced Biomaterials and Biodevices	2014	John Wiley and sons, Advanced material series	Nanobioscience
57	29770	Sujata K. Bhatia	Biomaterials for clinical applications	2010	Springer science and business media, springer link: Bucher	Nanobioscience
58	29771	Gurbinder Kaur	Clinical applications of biomaterials: State-of-the-art progress, trends and novel approaches	2017	Springer	Nanobioscience
59	29772	Amit Basak, Ranadhir Chakraborty, Santi M. Mandal	Recent trends in antifungal agents and antifungal therapy	2016	Springer India	Nanobioscience
60	29513	Fakhrullin, Rawil F; Choi, Insung S; and Lvov, Yuri	RSC smart materials Cell Surface Engineering fabrication of functional nanoshells	2014	RSC	Nanobioscience
61	29516	Labeed, Fatima H; Fatoyinbo, Henry O.	Microfluidics in detection science lab-on-a -chip technologies	2015	RSC	Nanobioscience
62	29517	Laurell Thomas; Laurell Andreas	Microscale acoustofluidics	2015	RSC	Nanobioscience
63	29515	Berg, Albert van den; Segerink, Loes	Microfluidics for medical applications	2015	RSC	Nanobioscience
64	29514	Costa, Lucio G; Aschner, Michael	Issues in toxicology: Manganese in health and disease	2015	RSC	Nanobioscience

65	29519	Sioud, Mouldy	Ribozymes and siRNA protocols Methods in molecular biology Volume 252	2004	Humana Press	Nanobioscience
66	29518	Roduner, Emil	Nanosopic materials size- dependent phenomena	2006	RSC	Nanobioscience
67	29512	Reddy, Subrayal M.	Advanced synthetic materials in detection science	2014	RSC	Nanobioscience
68	29661	Mulligan, Martin ; Hill ,Stuart	Ecological pioneers a social history of australian ecological thought and action	2001	Cambridge University Press	Plants and Diatoms
69	29662	Prabhukumar, K.M; Thomas, V.P.; Hareesh, V.S.; Dan, Mathew	Asian Zingiberales: Resume & Prospects (Prof. M. Sabu Commemoration Volume)	2019	M/s Bishen Singh Mahendra Pal Singh	Plants and Diatoms
70	29663	T Pullaiah, Muralidhara D Rao	Flora of Eastern Ghats: Hill Ranges of South East India Volume I	2002	Regency Publications	Plants and Diatoms
71	29664	T. Pullaiah, Ramamurthy K Sri	Flora of Eastern Ghats: Hill Ranges of South East India Volume II	2011	Regency Publications	Plants and Diatoms
72	29665	T Pullaiah, S Karuppusamy, Ramamurthy K Sri	Flora of Eastern Ghats: Hill Ranges of South East India Volume III	2001	Regency Publications	Plants and Diatoms
73	29666	T. Pullaiah, S. sandhya Rani, S. karuppusamy	Flora of Eastern Ghats: Stylidaceae to plantaginaceae Volume 4	2001	Regency Publications	Plants and Diatoms
74	29667	T. Pullaiah, S. sandhya Rani, S. karuppusamy	Flora of Eastern Ghats volume 5 Nyctaginaceae - Ceratophyllaceae.	2019	Regency Publications	Plants and Diatoms

75	29668	T.S. Nayar, A. Rasiya Beegam, M Sibi	Flowering plants of the Western Ghats of India Volume 1 Dicot	2014	Jawaharlal Nehru Tropical Botanic Garden and Research Institute	Plants and Diatoms
76	29669	T.S. Nayar, A. Rasiya Beegam, M Sibi	Flowering plants of the Western Ghats of India Volume 2 Monocot	2014	Jawaharlal Nehru Tropical Botanic Garden and Research Institute	Plants and Diatoms
77	29670	T Pullaiah, G N V Febulaus	Embryology and Apomixis In Grasses	2018	Regency Publications	Plants and Diatoms
78	29671	Kurt Krammer, K; Lange-Bertalot, H	Naviculaceae: neue und wenig bekannte Taxa Neue Kombinationen und Synonyme sowie Bemerkungen zu einigen Gattungen [Naviculaceae: A description of new and poorly know taxa. New combinations and synonyms and some comments on a number of families] (Bibliotheca Diatomologica, Band 9)	1985	Koeltz Scientific Books (Supplied by Bishen Singh Mahendra Pal Singh, Dehradun)	Plants and Diatoms
79		Horst Lange - Bertalot	Iconographia Diatomologica Annotated Diatom Micrographs. Ed..Volume 10: Semina, Halina J.: SEM-Studied Diatoms of Different Regions of the World Oceans.	2003	Koeltz Scientific Books (Supplied by Bishen Singh Mahendra Pal Singh, Dehradun)	Plants and Diatoms

80	29673	Laura H. Miscoe; Jeffrey R. Johansen; J. Patrick Kociolek; Rex L. Lowe; Melissa A. Vaccarino; Nicole Pietrasiak; Alison R. Sherwood	The diatom flora and cyanobacteria from caves on Kauai, Hawaii	2016	Koeltz Scientific Books (Supplied by Bishen Singh Mahendra Pal Singh, Dehradun)	Plants and Diatoms
81	29674	Euan D. Reavie; Amy R. Kireta	Centric, Araphid and Eunotioid Diatoms of the Coastal Laurentian Great Lakes Sampling, Taxonomic Descriptions and Environmental Characteristics (Bibliotheca Diatomologica, Volume 62)	2015	Borntraeger Science Publishers (Supplied by Bishen Singh Mahendra Pal Singh, Dehradun)	Plants and Diatoms
82	29675	Eberto Novelo; Rosaluz Tavera; Claudia Ibarra	Bacillariophyceae from Karstic Wetlands in Mexico Dedicated to Dr. Arturo Gómez-Pompa (Bibliotheca Diatomologica, Band 54)	2007	Borntraeger Science Publishers (Supplied by Bishen Singh Mahendra Pal Singh, Dehradun)	Plants and Diatoms
83	29676	Reinhard Pienitz; Daryl Fedje; Michel Poulin	Marine and Non-Marine Diatoms from the Haida Gwaii Archipelago and Surrounding Coasts, Northeastern Pacific, Canada (Bibliotheca Diatomologica, Band 48)	2003	Borntraeger Science Publishers (Supplied by Bishen Singh Mahendra Pal Singh, Dehradun)	Plants and Diatoms

84	29677	Marie-Andrée Fallu; Nancie Allaire; Reinhard Pienitz	Freshwater Diatoms from northern Québec and Labrador (Canada) Species-environment relationships in lakes of boreal forest, forest-tundra and tundra regions (Bibliotheca Diatomologica, Band 45)	2000	Borntraeger Science Publishers (Supplied by Bishen Singh Mahendra Pal Singh, Dehradun)	Plants and Diatoms
85	29678	Euan D. Reavie; John P. Smol	Freshwater diatoms from the St. Lawrence River (Bibliotheca Diatomologica, Band 41)	1998	Borntraeger Science Publishers (Supplied by Bishen Singh Mahendra Pal Singh, Dehradun)	Plants and Diatoms
86	29679	Wim Vyverman; Ruth Vyverman; Dominic Hodgson; Peter A. Tyler	Diatoms from Tasmanian mountain lakes: A reference dataset (TASDIAT) for environmental reconstruction and a systematic and autecological study (Bibliotheca Diatomologica, Band 33)	1995	Borntraeger Science Publishers (Supplied by Bishen Singh Mahendra Pal Singh, Dehradun)	Plants and Diatoms