Sl No.	Title of the Book	Author(s)	Edition	No. of Copies	Standard number (ISBN, ISSN or other)	Publisher	Year of Publication
1	Probability Models for Computer Science	Sheldon M. Ross	1st or Latest	5	ISBN-13: 978-0125980517, ISBN-10: 0125980515	Academic Press	
2	Introduction to Probability Models	Sheldon M. Ross	12th or latest	5	ISBN-13: 978-0128143469, ISBN-10: 0128143460	Academic Press	
3	Introduction to Data Mining	Pang-Ning Tan, Michael Steinbach, Vipin Kumar, Anuj Karpatne	2nd or latest	5	ISBN-13: 9780133128901, ISBN-10: 0133128903	Pearson	
4	Fundamentals of Image Data Mining	Dengsheng Zhang	latest	3	Hard cover ISBN: 978-3-030-17988-5	Springer International Publishing	2019
5	Reinforcement Learning : An Introduction	Richard S. Sutton and Andrew G. Barto	2nd or latest	1	ISBN 9780262039246		
6	Design and Analysis of Randomized Algorithms: Introduction to Design Paradigms	Juraj Hromkovič	Latest	4	ISBN: 3540239499,9783540239499	Springer	2005
7	Probability and Computing: Randomized Algorithms and Probabilistic Analysis	Michael Mitzenmacher, Eli Upfal	Latest	4	ISBN: 0521835402, 9780521835404	Cambridge University Press	2005
8	Operating System Concepts	Abraham Silberschatz, Greg Gagne, Peter B. Galvin	10th or latest	2	ISBN: 978-1-119-32091-3	Wiley	2018
9	Systems Performance	Brendan Gregg	2nd Edition	1	ISBN-13: 978-0136820154	Pearson	2020
10	Designing Data-Intensive Applications: The Big Ideas Behind Reliable, Scalable, and Maintainable Systems	Martin Kleppmann	1st Edition	5	ISBN-13: 978-1449373320	O'Reilly Media	2017
11	Introduction to Computational Proteomics	Golan Yona	1st Edition	5	ISBN-13 : 978-0367452285	Chapman and Hall/CRC	2019
12	Ending Parkinson's Disease: A Prescription for Action	Ray Dorsey, Todd Sherer, Michael S. Okun, Bastiaan Bloem	1st or Latest	3	ISBN-10 : 1541724526 ISBN-13 : 978-1541724525	PublicAffairs	2020
13	Computer Graphics using OpenGL	Francis S Hill, Jr., Stephen M Kelley	3rd	5	ISBN-13: 9780131348318	Pearson	
14	Computer Graphics using OpenGL	Francis S Hill	2nd	5	ISBN-13: 9780023548567	Pearson	
15	Realistic Ray Tracing	Peter Shirley, R. Keith Morley	2nd	2	ISBN-13: 9781568814612	A K Peters/CRC Press	
16	Realistic Image Synthesis Using Photon Mapping	Henrik Wann Jensen	1st	1	ISBN: 1568811470	A K Peters/CRC Press	2001
17	A Tour of Data Science: Learn R and Python in Parallel	Nailong Zhang	Latest	2		Taylor & Francis	2021
18	AI and Deep Learning in Biometric Security: Trends, Potential, and Challenges	Gaurav Jaswal; Vivek Kanhangad; Raghavendra Ramachandra	Latest	2		Taylor & Francis	2021
19	AI for Immunology	Louis J. Catania	Latest	2		Taylor & Francis	2021
20	AI in Manufacturing and Green Technology: Methods and Applications	Sambit Kumar Mishra; Zdzislaw Polkowski; Samarjeet Borah; Ritesh Dash	Latest	2		Taylor & Francis	2021
21	Anyone Can Code: The Art and Science of Logical Creativity	Ali Arya	Latest	2		Taylor & Francis	2021
22	Applications of Cloud Computing: Approaches and Practices	Prerna Sharma; Moolchand Sharma; Mohamed Elhoseny	Latest	2		Taylor & Francis	2021

Sl No.	Title of the Book	Author(s)	Edition	No. of Copies	Standard number (ISBN, ISSN or other)	Publisher	Year of Publication
23	Artificial Intelligence Techniques in IoT Sensor Networks	Mohamed Elhoseny; K. Shankar; Mohamed Abdel-Basset	Latest	2		Taylor & Francis	2021
24	Artificial Intelligence Trends for Data Analytics Using Machine Learning and Deep Learning Approaches	K. Gayathri Devi; Mamata Rath; Nguyen Thi Dieu Linh	Latest	2		Taylor & Francis	2021
25	Artificial Intelligence: Applications in Healthcare Delivery	Sandeep Reddy	Latest	2		Taylor & Francis	2021
26	Big Data, IoT, and Machine Learning: Tools and Applications	Rashmi Agrawal; Marcin Paprzycki; Neha Gupta	Latest	2		Taylor & Francis	2021
27	Bitcoin and Blockchain: History and Current Applications	Sandeep Kumar Panda; Ahmed A. Elngar; Valentina Emilia Balas; Mohammed Kayed	Latest	2		Taylor & Francis	2021
28	Blockchain Technology and Applications	Pethuru Raj; Kavita Saini; Chellammal Surianarayanan	Latest	2		Taylor & Francis	2021
29	Blockchain Technology: Fundamentals, Applications, and Case Studies	E. Golden Julie; J. Jesu Vedha Nayahi; Noor Zaman Jhanjhi	Latest	2		Taylor & Francis	2021
30	Blockchain, Internet of Things, and Artificial Intelligence	Naveen Chilamkurti; T. Poongodi; Balamurugan Balusamy	Latest	2		Taylor & Francis	2021
31	C# Game Programming Cookbook for Unity 3D	Jeff W. Murray	Latest	2		Taylor & Francis	2021
32	Cloud Computing Security: Foundations and Challenges	John R. Vacca	Latest	2		Taylor & Francis	2021
33	Cloud Computing: Concepts and Technologies	Sunilkumar Manvi; Gopal K. Shyam	Latest	2		Taylor & Francis	2021
34	Cloud Data Center Network Architectures and Technologies	Lei Zhang; Le Chen	Latest	2		Taylor & Francis	2021
35	Cloud Network Management: An IoT Based Framework	Sanjay Kumar Biswash; Sourav Kanti Addya	Latest	2		Taylor & Francis	2021
36	Computational Intelligence for Human Action Recognition	Sourav De; Paramartha Dutta	Latest	2		Taylor & Francis	2021
37	Computational Intelligence Techniques and Their Applications to Software Engineering Problems	Ankita Bansal; Abha Jain; Sarika Jain; Vishal Jain; Ankur Choudhary	Latest	2		Taylor & Francis	2021
38	Computer Organisation and Architecture: Evolutionary Concepts, Principles, and Designs	Pranabananda Chakraborty	Latest	2		Taylor & Francis	2021
39	Cybersecurity for Everyone	David B. Skillicorn	Latest	2		Taylor & Francis	2021
40	Data Analytics and AI	Jay Liebowitz	Latest	2		Taylor & Francis	2021
41	Data Analytics: Handbook of Formulas and Techniques	Adedeji B. Badiru	Latest	2		Taylor & Francis	2021
42	Data Security in Internet of Things Based RFID and WSN Systems Applications	Rohit Sharma; Rajendra Prasad Mahapatra; Korhan Cengiz	Latest	2		Taylor & Francis	2021
43	Discrete Mathematics for Computer Science: An Example-Based Introduction	Jon Pierre Fortney	Latest	2		Taylor & Francis	2021
44	Effective Methods for Software Engineering	Boyd L. Summers	Latest	2		Taylor & Francis	2021
45	Fundamentals of IMAGE, AUDIO, and VIDEO PROCESSING Using MATLAB®: With Applications To PATTERN RECOGNITION	Ranjan Parekh	Latest	2		Taylor & Francis	2021

Sl No.	Title of the Book	Author(s)	Edition	No. of Copies	Standard number (ISBN, ISSN or other)	Publisher	Year of Publication
46	Handbook of Artificial Intelligence in Biomedical Engineering	Saravanan Krishnan; Ramesh Kesavan; B. Surendiran; G. S. Mahalakshmi	Latest	2		Taylor & Francis	2021
47	Handbook of IoT and Blockchain: Methods, Solutions, and Recent Advancements	Brojo Kishore Mishra; Sanjay Kumar Kuanar; Sheng-Lung Peng; Daniel D. Dasig	Latest	2		Taylor & Francis	2021
48	Hands-On Data Science for Biologists Using Python	Yasha Hasija; Rajkumar Chakraborty	Latest	2		Taylor & Francis	2021
49	Innovative Smart Healthcare and Bio-Medical Systems: AI, Intelligent Computing, and Connected Technologies	Abdel-Badeeh M. Salem	Latest	2		Taylor & Francis	2021
50	Internet of Things and Secure Smart Environments: Successes and Pitfalls	Uttam Ghosh; Danda B Rawat; Raja Datta; Al-Sakib Khan Pathan	Latest	2		Taylor & Francis	2021
51	Internet of Things: Integration and Security Challenges	S. Velliangiri; Sathish A. P. Kumar; P. Karthikeyan	Latest	2		Taylor & Francis	2021
52	Machine Learning for Healthcare: Handling and Managing Data	Rashmi Agrawal; Jyotir Moy Chatterjee; Abhishek Kumar; Pramod Singh Rathore; Dac-Nhuong Le	Latest	2		Taylor & Francis	2021
53	Modern Cryptography with Proof Techniques and Applications	Seong Oun Hwang; Intae Kim; Wai Kong Lee	Latest	2		Taylor & Francis	2021
54	Practical AI for Cybersecurity	Ravi Das	Latest	2		Taylor & Francis	2021
55	Real-World Software Projects for Computer Science and Engineering Students	Varun Gupta; Anh Nguyen-Duc	Latest	2		Taylor & Francis	2021
56	Recent Advances in Security, Privacy, and Trust for Internet of Things (IoT) and Cyber-Physical Systems (CPS)	Kuan-Ching Li; Brij B. Gupta; Dharma P. Agrawal	Latest	2		Taylor & Francis	2021
57	Securing IoT and Big Data: Next Generation Intelligence	Vijayalakshmi Saravanan; Alagan Anpalagan; T. Poongodi; Firoz Khan	Latest	2		Taylor & Francis	2021
58	Security and Privacy in the Internet of Things	Syed Rameem Zahra; Mohammad Ahsan Chishti	Latest	2		Taylor & Francis	2021
59	Smart Cyber Physical Systems: Advances, Challenges and Opportunities	G.R. Karpagam; B. Vinoth Kumar; J. Uma Maheswari; Xiao-Zhi Gao	Latest	2		Taylor & Francis	2021
60	Swarm Intelligence Algorithms: A Tutorial	Adam Slowik	Latest	2		Taylor & Francis	2021
61	VANET: Challenges and Opportunities	Sonali P. Botkar; Sachin P. Godse; Parikshit N. Mahalle; Gitanjali R. Shinde	Latest	2		Taylor & Francis	2021
62	Wireless Sensor Networks: Evolutionary Algorithms for Optimizing Performance	Damodar Reddy Edla; Mahesh Chowdary Kongara; Amruta Lipare; Venkatanareshbabu Kuppili; K Kannadasan	Latest	2		Taylor & Francis	2021
63	A Concise Introduction to Machine Learning	A. C. Faul	Latest	2		Taylor & Francis	2020
64	A Practical Approach to Metaheuristics Using LabVIEW and MATLAB®	Pedro Ponce Cruz; Arturo Molina Gutiérrez; Ricardo A. Ramírez-Mendoza; Efraín Méndez Flores; Alexandro Antonio Ortiz Espinoza; David Christopher Balderas Silva	Latest	2		Taylor & Francis	2020

SI No.	Title of the Book	Author(s)	Edition	No. of Copies	Standard number (ISBN, ISSN or other)	Publisher	Year of Publication
65	Advanced Data Science and Analytics with Python	Jesús Rogel-Salazar	Latest	2		Taylor & Francis	2020
66	Advanced Data Structures: Theory and Applications	Suman Saha; Shailendra Shukla	Latest	2		Taylor & Francis	2020
67	Advances in Computerized Analysis in Clinical and Medical Imaging	J. Dinesh Peter; Steven Lawrence Fernandes; Carlos Eduardo Thomaz	Latest	2		Taylor & Francis	2020
68	AI and Human Thought and Emotion	Sam Freed	Latest	2		Taylor & Francis	2020
69	Attribute-Based Encryption and Access Control	Dijiang Huang; Qiuxiang Dong; Yan Zhu	Latest	2		Taylor & Francis	2020
70	Automated Data Analysis Using Excel	Brian D. Bissett	Latest	2		Taylor & Francis	2020
71	Deep Learning in Computer Vision: Principles and Applications	Mahmoud Hassaballah; Ali Ismail Awad	Latest	2		Taylor & Francis	2020
72	Practical Natural Language Processing: A Comprehensive Guide to Building Real-World NLP Systems	Sowmya Vajjala, Bodhisattwa Majumder, Anuj Gupta, Harshit Surana	Latest	2	978-1492054054	O'Reilly Media	2020
73	Distributed Systems	M. van Steen and A.S. Tanenbaum,	Latest	2			
74	Bioinformatics Algorithms: an Active Learning Approach	Phillip Compeau, Pavel Pevzner	Latest (3rd)	5	978-0990374633	Active Learning Publishers	
75	*Bioinformatics For Dummies*	Jean-Michel Claverie, Cedric Notredame	Latest (2nd)	2	978-0470089859		
76	The Book of Why: The New Science of Cause and Effect	Judea Pearl, Dana Mackenzie	Latest (1st)	2			
77	The Elements of Statistical Learning: Data Mining, Inference, and Prediction	Trevor Hastie, Robert Tibshirani, Jerome Friedman	Latest (2nd)	2	978-0387848570		
78	Probabilistic Graphical Models: Principles and Techniques	Daphne Koller, Nir Friedman	Latest	2	978-0262013192	MIT press	
79	An Introduction to Statistical Learning	Gareth James, Daniela Witten, Trevor Hastie, Robert Tibshirani	Latest	2	978-1461471370	Springer	
80	Deep Learning (Adaptive Computation and Machine Learning series)	Ian Goodfellow, Yoshua Bengio, Aaron Courville	Latest	2	978-0262035613		
81	Foundations of Data Science	Avrim Blum, John Hopcroft, Ravindran Kannan	Latest (1st)	2	978-1108485067	Cambridge University Press	
82	Linear Algebra and Learning from Data	Gilbert Strang	Latest	2	978-0692196380		
83	Introduction to Linear Algebra	Gilbert Strang	Latest (5th)	2	978-0980232776		
84	Principles of Population Genetics	Daniel L. Hartl, Andrew G. Clark	Latest (4th)	2	978-0878933082		
85	Molecular Population Genetics	Matthew W. Hahn	Latest	2	978-0878939657		
86	Quantum Information, Computation and Communication	Jonathan A. Jones, Dieter Jaksch	Latest	2		Cambridge University Press	2012
87	Molecular Biology of the Cell	Bruce Alberts, Alexander D. Johnson, Julian Lewis, David Morgan, Martin Raff, Keith Roberts, Peter Walter	Latest (6th)	2	978-0815345244		

SI No.	Title of the Book	Author(s)	Edition	No. of Copies	Standard number (ISBN, ISSN or other)	Publisher	Year of Publication
88	Mathematics of Quantum Computing	Wolfgang Scherer	Latest (1st)	2	978-3-030-12357-4	Springer International Publishing	
89	Elements of Quantum Computing: History, Theories and Engineering Applications	Seiki Akama	Latest (1st)	2	978-3-319-36213-7	Springer International Publishing	
90	Principles of Quantum Artificial Intelligence	Andreas Wichert	Latest	2	978-981-4566-74-2		2013
91	Quantum Information Theory	Masahito Hayashi	Latest	2	978-3-662-49723-4	Springer-Verlag Berlin Heidelberg	
92	The Definitive ANTLR 4 Reference	Terence Parr	Latest	1		Pragmatic Bookshelf	
93	Language Implementations Patterns: Create Your Own Domain- Specific And General Programming Languages	Terence Parr	Latest	1		Pragmatic Bookshelf	
94	Operating Systems: Three Easy Pieces 1.00 Edition	Remzi H Arpaci-Dusseau, Andrea C Arpaci-Dusseau	Latest	1		CreateSpace Independent Publishing Platform	
95	Operating Systems: Principles and Practice	Thomas Anderson, Michael Dahlin	Latest	1		Recursive Books	