

**Learning Resources Centre, IIIT Noida**  
New Additions of Books - July to September 2019

Sr. No.	Title	Author	Publisher	Class Number	No. of copies
<b>BIOTECHNOLOGY</b>					
1	Environmental microbiology	Prasad, Ram	I.K. International Publishing House	576 PRA	2
2	Food biotechnology : principles and practices	Joshi, V K	I.K. International Publishing House	REF 664 JOS	1
3	Genome analysis and bioinformatics : a practical approach	Sharma, T. R.	I.K. International Publishing House	576.53 SHA	5
4	Industrial biotechnology: problems and remedies	Thakur, Indu Shekhar	I.K. International Publishing House	660.6 THA	4
5	Laboratory manual of food microbiology	Garg, Neelima	I.K. International Publishing House	REF 660.6 GAR	2
6	Microbial diversity: current perspectives and potential application	Satyanarayana, T.	I.K. International Publishing House	REF 571.98 SAT	1
7	Microbiology for medical sciences	Singh, Bhagat	I.K. International Publishing House	616.9041 SIN	10
8	Mycotechnology : present status and future prospects	Rai, Mahendra	I.K. International Publishing House	REF 660.62 RAI	1
<b>COMPUTER SCIENCE AND IT</b>					
9	Big data analysis with python: combine spark and python to unlock the powers of parallel computing and machine learning	Marin, Ivan	Packt Publishing	005.133 MAR	2
10	Blockchain development with hyperledger: build decentralized applications with hyperledger fabric and composer	Baset, Salman A.	Packt Publishing	005.82 BAS	2
11	Data mining and data warehousing principles and practical techniques	Bhatia, Parteek	Cambridge University Press	006.312 BHA	5
12	Data mining and predictive analytics	Larose, Daniel T.	Wiley	006.3 LAR	1
13	Data science and big data analytics : discovering, analyzing, visualizing and presenting data	Services, Emc Education	Wiley	006.312 SER	3
14	Data visualization with python : create an impact with meaningful data insights using interactive and engaging visuals	Dobler, Mario	Packt Publishing	REF 005.133 DOB	2
15	Ensemble machine learning cookbook: over 50 practical recipes to explore ensemble machine learning techniques using python	Sarkar, Dipayan	Packt Publishing	REF 006.31 SAR	1
16	Hands-on artificial intelligence for iot : expert machine learning and deep learning techniques for developing smarter iot systems	Kapoor, Amita	Packt Publishing	006.3 KAP	2
17	Hands-on iot solutions with blockchain : discover how converging iot and blockchain can help you build effective solutions	Santos, Maximiliano	Packt Publishing	004.678 SAN	2
18	Internet of things projects with ESP32 : build exciting and powerful IoT projects using the all-new espressif ESP32	Kurniawan, Agus	Packt Publishing	004.678 KUR	2
19	Introduction to digital computer design	Radhakrishnan, T.	PHI Learning	004.5 RAJ	8
20	Mastering hadoop 3 : big data processing at scale to unlock unique business insights	Singh, Chanchal	Packt Publishing	005.74 SIN	2
21	Neural network projects with python : the ultimate guide to using python to explore the true power of neural networks through six projects	Loy, James	Packt Publishing	006.32 LOY	2
22	Pattern recognition and machine learning	Bishop, Christopher M.	Springer	REF 006.4 BIS	1
23	Python deep learning : exploring deep learning techniques and neural network architectures with pytorch, keras, and tensorflow	Vasilev, Ivan	Packt Publishing	006.31 VAS	2

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24	Python machine learning blueprints : put your machine learning concepts to the test by developing real-world smart projects	Combs, Alexander	Packt Publishing	006.31 COM	2
25	Python machine learning by example: implement machine learning algorithms and techniques to build intelligent systems	Yuxi (Hayden) Liu	Packt Publishing	006.3 LIU	2
<b>ELECTRONICS AND COMMUNICATION</b>					
26	Control systems	Kumar, Anand A.	PHI Learning	629.832 KUM	10
27	Design with operational amplifiers and analog integrated circuits	Franco, Sergio	McGraw Hill Education	621.39732 FRA	4
28	Digital circuits and design	Salivahanan, S.	Oxford University Press	621.3815 SAL	4
29	Electronic devices and circuit theory	Boylested, Robert L.	Pearson Education	621.3815 BOY	5
30	Linear integrated circuits	Choudhury, D Roy	New Age International	REF 621.3815 CHO	8
31	New paradigms for gender inclusivity: theory and best practices	Kaul, Asha	PHI Learning	080 KAU	3
<b>MATHEMATICS</b>					
32	Algebra	Artin, Michael	PHI Learning	512 ART	5
33	Algorithms for optimization	Kochenderfer, Mykel J	MIT Press	REF 518.1 KOC	1
34	Applied discrete structures	Pundir, Sudhir Kumar	CBS Publishers	510.76 PUN	7
35	Biostatistics	Balaji, K.	I.K. International Publishing House	519.5 BAL	5
36	Business mathematics and statistics	veena, G. R.	I.K. International Publishing House	510.246 VEE	2
37	Calculus	Smith, Robert T.	McGraw Hill Education	515 SMI	2
38	Integral equations and boundary values problems	Raisinghania, M.D.	S. Chand	515.45 RAI	3
39	Introduction to linear algebra	Krishnamurthy, V	East-West Press	512.5 KRI	7
40	Linear algebra and its applications	Strang, Gilbert	Thompson Asia	512.5 STR	5
41	Modern algebra	Vasishtha, A.R	Krishna Prakashan	REF 512 VAS	8
42	Numerical methods for scientific and engineering computation	Jain, M.K.	New Age International	REF 519.4 JAI	6
43	Principles of mathematical analysis	Rudin, Walter	McGraw Hill Education	REF 517 RUD	2
44	Probability and random processes for electrical engineering	Leon-Garcia, Alberto	Pearson Education	519.2 LEO	3
45	Probability random variables and random signal principles	Peebles, Peyton Z.	McGraw Hill Education	519.5 PEE	2
46	Probability, random variables and stochastic processes	Papoulis, Athanasios	McGraw Hill Education	519.2 PAP	2
47	Real analysis	Carothers, N. L.	Cambridge University Press	515 CAR	2
48	Statistical methods for engineering and sciences	Taneja, H. C.	I.K. International Publishing House	519.5 TAN	2
49	Statistics for management using ms excel	Sah, A. N.	I.K. International Publishing House	519.502 SAH	2
50	Topology	Malik, A.K.	I.K. International Publishing House	512.55 MAL	2
51	Topology	Munkres, James R.	Pearson Education	514 MUN	3
<b>PHYSICS AND MATERIAL SCIENCE</b>					
52	Classical mechanics	Rana, Narayan Chandra	McGraw Hill Education	531 RAN	8
53	Classical mechanics	Goldstein, Herbert,	Pearson Education	531 GOL	6
54	Quantum mechanics	Bransden, B.H	Pearson Education	530.12 BRA	4
55	Quantum mechanics	Peleg, Yoav	McGraw Hill Education	REF 530.12 PEL	10

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56	Semiconductor physics and devices	Neamen, Donald A	McGraw Hill Education	537.6221 NEA	10
57	Textbook of quantum mechanics	Mathews, P M	McGraw Hill Education	530.12 MAT	2
<b>HUMANITIES AND SOCIAL SCIENCE</b>					
58	Business ethics: new challenges for business schools and corporate leaders	Peterson, Robert A.	PHI Learning	174.4 PET	3
59	Creating inclusive schools: theory, process and practice	Kaushik, Bharti	Sage Publication	371.904 KAU	5
60	Economic growth	Barro, Robert J.	PHI Learning	330 BAR	5
61	Functional english for communication	Kakarla, Ujjwala	Sage Publication	428.24 KAK	5
62	International perspectives on organizational behavior and human resource management	Punnett, Betty Jane	PHI Learning	REF 658.3 PUN	3
63	Managerial economic	Dean, Joel	PHI Learning	REF 331.714 DEA	5
64	Managerial economics: foundations of business analysis and strategy	Thomas, Christopher R.	McGraw Hill Education	331.714 THO	5
65	Managerial leadership in multicultural organisations	Ramakrishnan, Kunneth	PHI Learning	331.714 RAM	3
66	Microeconomics	Slavin, Stephen L	McGraw Hill Education	338.5 SLA	5
67	Organizational behaviour : text and cases	Chitale, Avinash K.	PHI Learning	658 CHI	3
68	Research methodology for scientific research	Prathapan, K.	I.K. International Publishing House	REF 300.72 PRA	1
69	Research methodology: a step-by-step guide for beginners	Kumar, Ranjit	Sage Publication	REF 300.72 KUM	4
70	Theory and application of microeconomic theory	Salvatore, Dominick	McGraw Hill Education	338.5 SAL	10