

# List of Books

Sl. No	Author	Title	Edn.	Publisher
1	Boaz Porat	A Course In Digital Signal Processing,		Prentice Hall Inc,
2	Szepesvári, C.	Algorithms For Reinforcement Learning. Synthesis Lectures On Artificial Intelligence And Machine Learning		
3	William I Fletcher	An Engineering Approach To Digital Design		Prentice Hall.
4	Michael John Sebastian Smith,	Application Specific Integrated Circuits		Pearson
5	Vinod Chandra S S, Anand H S	Artificial Intelligence and Machine Learning		Prentice Hall of India
6	Vinod Chandra S.S. And Anand Hareendran S.	Artificial Intelligence: Principles And Applications		
7	Sweigart,	Automate The Boring Stuff Beginners.With Python: Practical Programming For Total Beginners.		Starch Press,
8	Kuo B. C.	Automatic Control Systems		Prentice Hall of India
9	Vignesh Prajapati	Big Data Analytics With R and Hadoop		Packet Publishing.
10	Kulkarni, P., Joshi, S., & Brown, M. S.	Big Data Analytics.		PHI Learning
11	Sima Acharya, Subhashini Chellappan,	Big Data and Analytics		Wiley.
12	DT Editorial Services	Big Data, Black Book:		Wiley
13	Daniel Minoli	Building The Internet Of Things With Ipv6 And Mipv6: The Evolving World Of M2M Communications		Willy
14	Sung –Mo Kang & Yusuf Leblebici,	Cmos Digital Integrated Circuits-Analysis & Design	3rd	McGraw-Hill,
15	Simon Haykin,	Communication Systems	4 th	John Wiley & Sons, Inc.
16	Sanjay Sharma,	Communication Systems	4 th	S. K. Kataria & Sons,
17	John G. Proakis,	Communications Systems	2 nd	Pearson Education.

	Masoud Salehi,	Engineering		
18	P.SSathya Narayana:	Concepts Of Information Theory & Coding		Dynaram Publications
19	Nagarath I. J. and Gopal M.	Control System Engineering		Wiley Eastern,
20	Kenneth J Breeding	Digital Design Fundamentals		Prentice Hall
21	John F. Wakerly	Digital Design Principles and Practices	4th	Prentice Hall,
22	John B Peatman	Digital Hardware Design		McGraw Hill.
23	Gonzalez, R. C., & Woods, R. E.	Digital Image Processing.		
24	Pratt, W. K.	Digital Image Processing: PIKS Scientific Inside		
25	Tamal Bose	Digital Signal and Image Processing		John Wiley
26	Li Tan & Jean Jiang	Digital Signal Processing		Academic Press
27	Rulph Chassaing,	Digital Signal Processing and Applications with The C6713 and C6416DSK		John Wiley & Sons, Inc.
28	Mitra S. K.	Digital Signal Processing: A Computer Based Approach		McGraw-Hill Publishing Company
29	Emmanuel C. Ifeacher, Barry W. Jervis	Digital Signal Processing: A Practical Approach,	2nd	Pearson Education
30	John G. Proakis, Dimitris G. Manolakis,	Digital Signal Processing: Principles, Algorithms and Applications	4 th	Pearson Education,
31	Chi-Tsong Chen	Digital Signal Processing: Spectral Computation and Filter Design		Oxford University Press
32	Hayes	Digital System Design and Microprocessors		McGraw Hill.
33	Milos D. Ercegovac, Tomas Lang	Digital Systems and Hardware / Firmware Algorithm		John Wiley.
34	Oppenheim A. V., Schafer R. W.	Discrete-Time Signal Processing		Prentice Hall India
35	David A. Bell	Electric Circuits and Electronic Devices		
36	Guptha & Kumar	Electrodynamics		
37	A.K. Saxena	Electromagnetic Theory and	2/e	Narosa

		Application		
38	S L Kakani	Electromagnetism Theory And Problems		
39	Ashutosh Pramanik	Electromagnetism: Problems with Solutions		PHI
40	Dennis Roddy, John Coolen,	Electronic Communications	4 th	Prentice Hall of India Pvt. Ltd.
41	K. C. Bhandari and S. L. Kakani	Electronic Devices And Circuits		
42	David A. Bell	Electronic Devices And Circuits		
43	K. A. Navas	Electronics Lab Manual, Vol 1	5th	Rajath Publishers
44	K. A. Navas	Electronics Lab Manual, Vol Ii	6th	Rajath Publishers
45	Kishan Mehrotra, Chilukuri K. Mohan, Sanjay Ranka	Elements Of Artificial Neural Networks		Penram International Publishing (India)
46	Ajoy Ghatak and K. Thyagarajan	Fiber Optics and Lasers: The Two Revolutions		
47	Nigrini, M. J.	Forensic Analytics: Methods and Techniques For Forensic Accounting Investigations (Vol. 558).		John Wiley & Sons.
48	J. Biron and J. Follett,	Foundational Elements of an IoT Solution		O'Reilly Media,
49	Baesens, B., Van Vlasselaer, V., & Verbeke, W.	Fraud Analytics Using Descriptive, Predictive, and Social Network Techniques: A Guide To Data Science For Fraud Detection.		John Wiley & Sons.
50	Mohamad H. Hassoun,	Fundamentals of Artificial Neural Networks,		
51	Charles H. Roth, Jr.	Fundamentals Of Digital Design		PWS Pub.Co.
52	Jain, A. K.	Fundamentals Of Digital Image Processing.		Prentice Hall.
53	Lonnie C. Ludeman	Fundamentals Of Digital Signal Processing,		John Wiley& Sons,
54	Timothy J. Ross,	Fuzzy Logic with Engineering Applications	2nd	McGraw Hill.
55	Zimmerman H.J	Fuzzy Set Theory and Its	4th	Springer,

		Applications		
56	Tom White	Hadoop: The Definitive Guide		O Reilly.
57	R.S.Khandpur	Handbook Of Biomedical Instrumentation		TMH
58		Hands-On Machine Learning With Scikit-Learn And Tensorflow: Concepts, Tools And Techniques To Build Intelligent Systems		
59	Hershey	Information Science Reference		
60	R Bose	Information Theory, Coding and Cryptography		TMH
61	Ranjan Bose	Information Theory, Coding and Cryptography		TMH
62	Vijay Madiseti and ArshdeepBahga	Internet of Things (A Hands-On-Approach)		
63	Dan W. Patterson,	Introduction to Artificial Intelligence and Expert Systems		PHI Learning
64	Roland Siegwart, Illah R, Nourbakhsh,	Introduction to Autonomous Mobile Robots		MIT Press
65	T.K.Attuwood & D J Pary Smith	Introduction to Bioinformatics		Pearson
66	Joseph J Carr & John M Brown:	Introduction to Biomedical Equipment Technology.	4th	Pearson
67	James E. Palmer	Introduction to Digital Design		Tata McGraw Hill
68	R. E. Bogner, A. G. Constantinidis	Introduction to Digital Filtering		John Wiley & Sons
69	Ganesh M,	Introduction to Fuzzy Sets and Fuzzy Logic		PHI,
70	B. K. Mathur	Introduction to Geometrical and Physical Optics		
71	Jeeva Jose,	Introduction to Machine Learning Using PYTHON,		Khanna Publishers,
72	Alpaydin, E.	Introduction to Machine Learning.		MIT press.
73	Sutton, R. S., & Barto, A. G.	Introduction To Reinforcement Learning (Vol. 135).		MIT press.

74	Ajoy Ghatak and K. Thyagarajan	Lasers		
75	Ajoy Ghatak K.Thyagarajan	Lasers- Fundamentals and Applications		
76	Albon, Chris.	Machine Learning with Python Cookbook: Practical Solutions From Preprocessing to Deep Learning.		O'Reilly Media, Inc.
77	Vinod Chandra S S, Anand H S,	Machine Learning: A Practitioners Approach		Prentice Hall of India
78	K. Murphy,	Machine Learning: A Probabilistic Perspective		MIT Press
79	S L Kakani	Mathematical Physics	3Ed	
80	J.C. Upadhyaya	Mathematical Physics & Newtonian Mechanics		
81	John G.Webster	Medical Instrumentation- Application and Design		Houghton Mifflin Company
82	Liu and GA Gibson	Micro Computer System 8086/8088 Family Architecture, Programming and Design	2nd	PHI
83	D.V.Hall	Microprocessors and Interfacing.	2nd	TMGH
84	Aggarwal, C. C., &Zhai, C. (Eds.).	Mining Text Data.		Springer
85	Ogata K.	Modern Control Engineering,		Prentice Hall of India
86	Dorf R. C. and R. H. Bishop,	Modern Control Systems		Pearson Education
87	R.E. Crochiere	Multirate Digital Signal Processing		Prentice Hall
88	N.J. Fliege	Multi-Rate Digital Signal Processing		John Wiley
89	Ljiljana Milic	Multi-Rate Filtering For Digital Signal Processing- MATLAB Applications.		
90	P.P. Vaidyanathan	Multi-Rate Systems and Filter Banks		Prentice Hall
91	Martin T. Hagan, Howard B. Demuth	Neural Network Design		Vikas Thomson learning,

	& Mark Beale,			
92	Bose & Liang	Neural Network Fundamentals		McGraw Hill
93	James A Freeman, David M. Skapura	Neural Networks, Algorithms, Applications and Programming Techniques		Pearson
94	Simon Haykin	Neural Networks, A Comprehensive Foundation		Pearson Education
95	David A. Bell	Operational Amplifiers & Linear Ics		
96	Ajoy Ghatak	Optics		
97	S Devanarayanan	OPTICS at Graduate Level		
98	C. Bishop	Pattern Recognition and Machine Learning		Springer
99	Taub & Schilling	Principles of Communication Systems	2nd	TMH
100	B. K. Mathur	Principles of Optics		
101	Ajoy Ghatak K. Thyagarajan R. K. Varshney	Problems and Solutions In Electromagnetics		
102	Lublinsky, B., Smith, K. T., & Yakubovich, A.	Professional Hadoop Solutions.		John Wiley & Sons.
103	Beazley, David, and Brian K. Jones.	Python Cookbook: Recipes For Mastering Python		O'Reilly Media, Inc.
104	McKinney,	Python For Data Analysis.		O'Reilly Media, Inc.
105	S Devanarayanan	Quantum Mechanics: Principles & Applications		
106	Thomas R. Kurfees,,	Robotics and Automation Handbook		CRC Press
107	Fu, K.S. ,et al	Robotics- Control, Sensing, Vision and Intelligence		McGraw – Hill
108	H.R. Everett,	Sensors For Mobile Robots – Theory and Applications		A.K. Peteres
109	A. K. Saxena	Solid State Physics An Introduction to Solid State Electronic Devices		
110	Jurafsky, D.	Speech & Language Processing.		Pearson Education India.

111	Jeeva Jose,	Taming Python by Programming		Khanna Publishers
112	Muhammed Ali Mazidi & Janice Gilli Mazidi, R.D. Kinley,	The 8051 Microcontroller and Embedded System		Pearson
113	K Uma Rao & Andhe Pallavi	The 8051 Microcontrollers: Architecture Programming and Applications		Pearson
114	Christopher Hammond	The Basics of Crystallography and Diffraction	4th	
115	Trevor, H., Robert, T., & JH, F.	The Elements of Statistical Learning: Data Mining, Inference and Prediction.		
116	Hakima Chaouchi	The Internet of Things Connecting Objects to The Web		Wiley
117	Pethuru Raj and Anupama C. Raman,	The Internet of Things: Enabling Technologies, Platforms, and Use Cases		CRC Press.
118	Olivier Hersent, David Boswarthick, and Omar Elloumi,	The Internet of Things: Key Applications and Protocols		Wiley
119	J S Lim	Two-Dimensional Signal and Image Processing		Prentice Hall
120	Chris Eaton, Dirk Deroos	Understanding Big Data		McGraw Hill.
121	Wayne Wolf, Modern	VLSI Design,	3rd	Pearson
122	S.M. SZE,	VLSI Technology,	2nd	Indian Edition, McGraw-Hill,