

Indian Institute of Information Technology
List of Books

<i>S.No</i>	<i>Full Title of Book</i>	<i>Author Name</i>	<i>Publisher</i>	<i>Copies Required</i>
	<i>ECE</i>			
1	Sadiku: Elements of Electromagnetics	Matthew N. O. Sadiku	Oxford University Press	20
2	Field and Wave Electromagnetics	David K. Cheng	Pearson Education Asia, 2001.	15
3	Fields and Waves in Communication Electronics	S. Ramo, J. R. Whinnery and T. V. Duzer	JohnWiley, 1994	5
4	Electromagnetic Waves and Radiating Systems	E. C. Jordan and K. G. Balmain	PHI, 1995.	5
5	Antenna Theory: Analysis and Design	C. A. Balanis	John Wiley, 1996.	5
6	Field Theory of Guided Waves	R. E. Collin	Wiley-Blackwell	5
7	Introduction to Embedded Systems	Shibu K.V	McGraw Hill Education 2017.	15
8	An Embedded Software Primer	David E. Simon	Pearson Education	5
9	The Art of Designing Embedded Systems	Jack Ganssle	Elsevier	5
10	Embedded Microprocessor Systems Design: An	Kenneth L. Short	Pearson, 1998.	5
11	Embedded System Applications	Claude Baron, Jean Claude Geffroy, and Gilles Motet	Springer	5
12	Embedded Systems: Architecture, Programming and Design	Raj Kamal	McGraw Hill Education	15
13	Embedded system design: Modeling synthesis and verification	Daniel D. Gajski, Samar Abdi, Andreas Gerstlauer, and Gunar Schirner	Springer	5
14	Multidimensional Signal, Image, and Video Processing and Coding	John W. Woods	Elsevier India Pvt. Ltd	10
15	Digital Image Processing Using MATLAB	Rafael c. Gonzalez	McGraw Hill India.	20

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16	Fundamentals of Digital Image Processing	A.K. Jain	Prentice Hall, 1989	10
17	Digital Video Processing	M Tekalp	Prentice Hall, 1995	10
18	The Image Processing Handbook	John C Russ	CRC Press	3
19	Video Processing and Communications	Yao Wang, JoernOstermann, and Ya-Qin Zhang	Prentice Hall, 2002	3
20	Microwave Engineering	David M. Pozar	JohnWiley & Sons, Inc.	15
21	MICROWAVE ENGINEERING: PASSIVE CIRCUITS	Peter Rizzi	PHI	15
22	Foundations for Microwave Engineering	R.E. Collin	John Wiley & Sons, Inc.	5
23	Advanced Digital Signal Processing Principles, Algorithms and Applications	Proakis, Manolakis	Pearson	20
24	Advanced Digital Signal Processing	ShailaApte	Wiley India publication	10
25	Adaptive Signal Processing	L. Sibul	IEEE Press, 1987	10
26	Statistical and Adaptive Signal Processing: Spectral Estimation, Signal Modeling, Adaptive Filtering and Array Processing	D. Manolakis, V. Ingle, S. Kogan	McGraw Hill, 1999	5
27	Theory and Design of Adaptive Filters	J. Trierchler, C. Johnson, M. Larimore	Prentice-Hall, 1995.	5
28	Adaptive Filter Theory	S. Haykin	Prentice-Hall	5
29	Power Electronics: Circuits, Devices and Applications	Muhammad H Rashid	Pearson Education	20
30	Power Electronics: Devices, Circuits and Industrial Applications	V. R. Moorthi	Oxford University Press	10
31	Power Electronics: ConvertersApplications and Design	Ned Mohan, Tore M. Undeland, and William P. Robbins	Wiley	5
32	Power Electronics	P. C. Sen	McGrawHill	5
33	Elements of Power Electronics	Philip T. Krein	Oxford University Press	5

<i>S.No</i>	<i>Full Title of Book</i>	<i>Author Name</i>	<i>Publisher</i>	<i>Copies Required</i>
34	Power Converter Circuits	William Shepherd and Li Zhang	CRC Press	5
35	Power Electronics	M.D. Singh and K.B. Khanchandani	McGraw Hill	5
36	Power Electronics	P. S. Bimbhra	Khanna Publishers	5
37	Digital processing of speech signals	R Rabiner and S.W. Schafer	Pearson Education.	10
38	Speech & Audio Signal Processing	Ben Gold & Nelson Morgan	Wiley.	10
39	Speech and Audio Processing	ShailaApte	Wiley India publication	10
40	Digital Speech	Kondozi	, Wiley publication	5
41	Speech Communication: Human and Machine	D O'Shaughnessy	Addison Wesley, 1987	5
42	Digital Processing of Speech Signals	L R Rabiner and RW Schafer	Prentice Hall, 1978.	5
43	Speech Analysis, Synthesis, and Perception	JL Flanagan	Springer Verlag, 1972.	5
44	Design of Analog CMOS Integrated Circuits	Behzad Razavi	McGraw Hill Education	20
45	CMOS Analog Circuit Design	Phillip E. Allen and Douglas R. Holberg	Oxford University press	10
46	Analysis and Design of Analog Integrated Circuits	Paul R. Gray, Paul J. Hurst, Stephen H. Lewis, and Robert G. Meyer, Wiley.		5
47	Fundamentals of Microelectronics	BehzadRazavi, Wiley	Wiley,	5
48	Analog Integrated Circuit Design	David Johns and Kenneth Martin, Wiley		5
49	Design of Analog Integrated Circuits and Systems	Kenneth R. Laker and Willy M. C. Sansen	McGraw-Hill Education, 1994.	5
50	Microelectronic Circuits: Theory and Application	Adel S. Sedra and Kenneth C. Smith	Oxford University Press	5
51	Computer Vision: Algorithms and Applications	Richard Szeliski	Springer-Verlag London Limited 2011.	15
52	Computer Vision: A Modern Approach		Pearson Education, 2003	15
53	Multiple View Geometry in Computer Vision	Richard Hartley and Andrew Zisserman	Cambridge University Press, March 2004	5

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54	Introduction to Statistical Pattern Recognition	K. Fukunaga	Academic Press, Morgan Kaufmann, 1992.	5
55	Digital Image Processing	R.C. Gonzalez and R.E. Woods	New York, NY: McGraw-Hill, 2000	15
56	Digital Communications	Proakis, John G	John Wiley and Sons	10
57	Digital Communications	Simon Haykin	Oxford University Press	15
58	Modern Digital and Analog Communication Systems	B.P.Lathi and Zhi Ding	TMH,2001	5
59	Digital Signal Processing: A computer-Based Approach	S. K. Mitra	Cengage, 2008.	10
60	Digital signal processing with MATLAB	V.K. Ingle and J.G. Proakis	John Wiley and Sons, Inc., Singapore, 2004	5
61	Digital Signal and Image Processing	T. Bose	Prentice Hall India, 2005.	5
62	Theory and Application of Digital Signal Processing	L. R. Rabiner and B. Gold	Tata McGraw-Hill, New Delhi, 2003.	5
63	Digital Filters: Analysis, Design and Applications	A. Antoniou	John Wiley and Sons, Inc., Singapore, 2002	5
64	Digital Signal Processing	T. J. Cavicchi	Pearson Education, 2006	5
65	Digital Signal Processing	E. C. Ifeakor and B. W. Jervis	Nelson Engineering	15
66	A First Course in Digital Systems Design: An Integrated Approach	John P. Uyemura	Pearson Education	5
67	Digital Design: With an Introduction to the Verilog HDL	M. Morris Mano and Michael D. Ciletti	McGraw Hill Education	5
68	CMOS Digital Integrated Circuits Analysis and Design	Sung-Mo Kang and Yusuf Leblebici	McGraw Hill Education	5
69	Fundamentals of Digital Logic with VHDL design	Stephen Brown and Zvonko Vranesic	Cengage Learning, 2008.	5
70	Digital System Design Using VHDL	Chales H. Roth and Lizy Kurian John	McGraw-Hill, 2002	5
71	VHDL: Programming by Example	Douglas L. Perry	PHI,1997.	5
72	An Engineering Approach to Digital Design	William I. Fletcher	McGraw Hill Education,2002.	10
73	CMOS Digital Integrated Circuits Analysis and Design	Sung-Mo Kang and Yusuf Leblebici		

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74	Principles of CMOS VLSI Design: A Systems Perspective	Neil H. E. West and Kamran Eshraghian	Pearson,1993.	15
75	Digital Integrated Circuits: A Design Perspective	Jan M. Rabaey, Anantha P. Chandrakasan, Borivoje Nikolic	Pearson Education, 2016	5
76	Modern VLSI Design System on Chip Design	Wayne Wolf	Pearson Education,1997.	5
77	VLSI Design	Debaprasad Das	Oxford University Press, 2010.	5
78	CMOS Logic Circuit Design	John P. Uyemura	Springer, 2001.	5
79	Digital Integrated Circuit Design	Ken Martin	Oxford University Press, 2014.	5
80	VLSI Design Technique for Analog and Digital Circuits	Randall Geiger, Phillip Allen and Noel Strader	McGraw Hill Education, 2010.	5
81	Introduction to VLSI Systems: A Logic, Circuit, and System Perspective	Ming-Bo Lin	CRC Press, 2011.	5
82	Electrical Measurements and Measuring Instruments	E. W Golding and F. C Widdis	Reem Publication	20
83	Modern Electronic Instrumentation and Measurement Techniques	Albert D Helfrick and Wiliam D Cooper	PHI Learning	15
84	Electronic Instrumentation and Measurements	David A. Bell	Oxford University Press	5
85	A Course in Electrical and Electronic Measurements and Instrumentation	A K Sawhney	Dhanpat Rai & Co, 2015.	10
86	Electronic Instrumentation	H. S. Kalsi	Tata McGraw Hill, 2017	5
87	Elements of Electronic Instrumentation and Measurement	Joseph J. Carr	Pearson Education, 2003.	5
88	Electrical Measurements	K. Krishna Reddy	Scitech Publication, 2009.	5
89	A First Course in Digital System Design; An Intigrated Approach	John P. Uyemura	Nelson Engineering	25
90	Probability, Random Variables, and Stochastic Processes	Papoulis, S. U. Pillai	McGraw-Hill	25

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91	Probability, Random Variables, and Stochastic Processes	Papoulis, S. U. Pillai	McGraw-Hill	25
92	Probability and Random Processes for Electrical Engineering	A. Leon-Garcia	Prentice Hall	5
93	Probability and Stochastic Processes for Engineers	C.W. Helstrom	Prentice Hall	5
CSE				
94	Operating system concepts	Silberschatz	Willey Pub	10
95	Modern operating system	Tannanbaum	PHI Learning	10
96	Operating System	Dhamdhare	TMH	10
97	Operating system	William stalling	Pearson Edu.	20
98	Computer Graphics	Donald Hearn and M.P. Becker	Pearson Pub	10
99	Procedural Elements of Computer Graphics	Rogers	TMH	10
100	Principles of Multimedia	Parekh	TMH	30
101	Introduction to Unix &Shell	Venkatesh Murthy	Pearson Edu	15
102	Unix &Shell Programming	Forouzan	Cengage Learning	20
103	Unix Concept & Application	Sumitab Das	TMH	15
104	ASP .Net Complete Reference	McDonald	TMH	10
105	Programming in C#	Balagurusamy	TMH	20
106	C# for Programmers	Harvey Deitel, Paul Deitel	Pearson Edu	20
107	Economic Theory and Operations Analysis	Baumol, William J	Prentice Hall India Ltd	15
108	Economics	Sloman, John H	Prentice Hall India	15
109	Macroeconomics	R.J. Gordon	Little Brown & Co., Boston	15
110	Web Technologies : A Computer Science Perspective	Jeffrey C.Jackson	Pearson Education	10
111	Core Web Programming	Marty Hall, Larry Brown	Pearson Education	25
112	Programming the World Wide Web	Robert. W. Sebesta	Pearson Education	15
113	Neural Network fundamental with Graph	Bose	TMH	20
114	Artificial Intelligence	Rich E and Knight K	TMH	20

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115	Neural Networks, Fuzzy Logic & Genetic Algorithms, Synthesis & applications	S, Rajasekaran & G.A. Vijayalakshmi Pai	PHI Publication	25
116	Computer Networks: A Top-Down Approach	Behrouz A. Forouzan, Firouz Mosharrar	McGraw-Hill Education	20
117	Computer Networks A Systems Approach	Larry Peterson Bruce Davie	Elsevier	20
118	Computer Networks	A S Tanenbaum	Pearson Education	10
119	Mastering Cloud Computing	Buyya, Selvi	TMH Pub	20
120	Cloud Computing	ar Saurabh	Wiley Pu	20
121	Cloud Security	Krutz , Vines	Wiley Pub	5
122	Cloud Computing- A Practical Approach	Velte	TMH Pub	5
123	Software Engineering	Sommerville	Pearson Education	20
124	An Integrated Approach to Software Engineering	P. Jalote	Narosa	10
125	Software Engineering Fundamentals	Behferooz& F. J. Hudson	Oxford Univ. Press	10
126	Fundamentals of Geographic Information Systems	Michael N DeMers	Wiley India	10
127	Introduction to Geographic Information Systems	Kang-tsung Chang	McGraw-Hill Publication.	10
128	Speech and Language Processing	Aniel Jurafsky and James H. Martin	pentice Hall	10
129	Natural Language Understanding	Allen, James	Benjamin/Cumming	10
130	Secrets of the Fastest-Growing Startups From Their Founding Entrepreneurs	David Kidder		10
131	Entrepreneurship: Starting, developing, and managing a new enterprise	Hisrich, R. D. & Peters	McGraw-Hill	20
132	Mobile Communication	J. Schiller	Wiley	10
133	Mobile Communication Design Fundamental	William C.Y Lee	John Wiley	10
134	Professional Hadoop Solutions	Boris lublinsky	Wiley	15
135	Understanding Big data	Chris Eaton	McGraw Hill	10

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136	Big Data Analytics with R and Haoop	Vignesh Prajapati	Packet Publishing	25
137	Android Programming	Bill Phillips	Packet Publishing	10
138	Android Application Development	Barry Burd	TMH	10
139	Android Application Development For Dummies	Donn Felker & Michael Burton	TMH	19
140	Probability and Statistics for Engineers and Scientists	Ronald E, Walpole, Sharon L. Myers, Keying Ye	Pearson	25
141	Probability, Statistics and Queuing Theory	V. Sundarapandian	PHI	25
142	Introduction to Probability and Statistics for Engineers and Scientists	Sheldon M. Ross	Elsevier	5
143	Probability and Statistics with Reliability, Queuing, and Computer Science Applications	Kishor Trivedi	John Wiley and Sons, New York (2001)	5
144	Data Structures using C”,	Y. Langsam, M. Augenstin and A. Tannenbaum	Pearson Education Asia,	10
145	Digital Fundamentals	Floyd T L	Prentice Hall, 2009	5
146	Biosensors: An Introduction	Eggins B R	John Wiley	5
147	Principles of linear systms and signals	B P Lathi	Oxford University press	5
148	Biosensors: An Introduction	Eggins B R	John Wiley	5
149	Control system Engineering”, .	Norman Nise	John-Willey	5
150	Practical Biochemistry: Principles & Techniques	Wilson K and Walker J.	Cambridge University Press.	4
151	Environmental Law Case Book (IInd Edition)	Leela krishnan, P. (2006	LexisNexis Butterworths (Student Series) 466	5
152	Innovation as Usual: How to Help Your People Bring Great Ideas to Life,	Paddy Miller, Thomas Wedell-Wedellsborg	Harvard Business Review Press, Kindle Edition.	5

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153	Technical Report Writing Today..	D.G. Riordan and S.E. Pauley. Biztantra 2008. 4.1		1
154	The Complete Reference: C	Herbert Schildt,	TMH	5
155	“Professional Ethics and Human Values	Alavudeen A, KalilRahman R., Jayakumaran M.	University Science Press	15
156	Basic Circuit Analysis”	John O’ Malley	, Schaum’s series	5
157	Innovation as Usual: How to Help Your People Bring Great Ideas to Life,	Paddy Miller, Thomas Wedell-Wedellsborg	Harvard Business Review Press, Kindle Edition.	4
158	,”Design of feedback Control Systems”,	Stefani, Savant, Shahin, Hostetter	Saunders College Publishing International, Fourth Edition	3
159	Modern Digital and Analog Communication Systems, 4th Edn	B. P. Lathi and Zhi ding		25
160	Fundamentals of Magnetism	B. D. Cullity	Addison-Weseley Publishing	5
161	LASERS Theory and Applications	K. Thyagarajan, A. K. Ghatak	Macmillan India Limited.	5
162	An Introduction to Optical Fiber-	1. A. H. Cherin		5
163	A Text Book of Optics	N. Subramanyam&Brijlal	Vikas Publishing House Pvt. Ltd	5
164	Principles of Tissue Engineering,	Lanza RP, Langer R, Vacanti JP.	Academic Press. 2007.	1
165	Introduction to Bioengineering. World	Y C Fung.	Scientific Publishers.	3
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